

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052224\
 Data File : BF138002.D
 Acq On : 22 May 2024 13:13
 Operator : CG\JU
 Sample : PB161034BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB161034BS

Quant Time: May 22 13:45:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF051424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 15 04:12:16 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.034	152	156935	20.000	ng	-0.01
21) Naphthalene-d8	8.322	136	631403	20.000	ng	0.00
39) Acenaphthene-d10	10.086	164	361308	20.000	ng	0.00
64) Phenanthrene-d10	11.580	188	636618	20.000	ng	0.00
76) Chrysene-d12	14.233	240	372232	20.000	ng	0.00
86) Perylene-d12	15.792	264	302803	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.669	112	1103135	119.402	ng	0.00
7) Phenol-d6	6.657	99	1364336	119.881	ng	0.00
23) Nitrobenzene-d5	7.598	82	850583	79.279	ng	-0.01
42) 2,4,6-Tribromophenol	10.881	330	496825	136.376	ng	0.00
45) 2-Fluorobiphenyl	9.398	172	1839508	78.425	ng	0.00
79) Terphenyl-d14	13.169	244	2119759	83.929	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.034	88	134341	33.566	ng	99
3) Pyridine	3.775	79	331632	36.928	ng	99
4) n-Nitrosodimethylamine	3.746	42	164687	41.570	ng	100
6) Aniline	6.698	93	357945	35.164	ng	98
8) 2-Chlorophenol	6.822	128	452955	45.303	ng	97
9) Benzaldehyde	6.593	77	365839	59.415	ng	99
10) Phenol	6.669	94	499741	43.504	ng	99
11) bis(2-Chloroethyl)ether	6.769	93	394308	44.706	ng	97
12) 1,3-Dichlorobenzene	6.975	146	468001	40.456	ng	97
13) 1,4-Dichlorobenzene	7.051	146	478207	41.184	ng	98
14) 1,2-Dichlorobenzene	7.204	146	462317	42.304	ng	100
15) Benzyl Alcohol	7.175	79	356363	46.893	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.298	45	485601	44.789	ng	98
17) 2-Methylphenol	7.275	107	353960	44.392	ng	99
18) Hexachloroethane	7.545	117	164879	41.962	ng	97
19) n-Nitroso-di-n-propyla...	7.445	70	289681	45.305	ng	97
20) 3+4-Methylphenols	7.428	107	456031	43.657	ng	94
22) Acetophenone	7.445	105	602346	42.585	ng	# 99
24) Nitrobenzene	7.622	77	438901	40.325	ng	98
25) Isophorone	7.851	82	812860	43.653	ng	99
26) 2-Nitrophenol	7.934	139	247692	45.291	ng	98
27) 2,4-Dimethylphenol	7.957	122	330272	46.906	ng	98
28) bis(2-Chloroethoxy)met...	8.057	93	492263	43.619	ng	99
29) 2,4-Dichlorophenol	8.169	162	393295	44.419	ng	99
30) 1,2,4-Trichlorobenzene	8.257	180	405299	40.998	ng	99
31) Naphthalene	8.339	128	1304975	41.105	ng	99
32) Benzoic acid	8.087	122	296434	49.804	ng	99
33) 4-Chloroaniline	8.381	127	187087	17.976	ng	98
34) Hexachlorobutadiene	8.451	225	252017	40.275	ng	99
35) Caprolactam	8.763	113	76108	29.669	ng	95
36) 4-Chloro-3-methylphenol	8.863	107	406351	45.115	ng	99
37) 2-Methylnaphthalene	9.034	142	869194	42.593	ng	98
38) 1-Methylnaphthalene	9.134	142	811542	40.451	ng	100
40) 1,2,4,5-Tetrachloroben...	9.198	216	420172	42.776	ng	99
41) Hexachlorocyclopentadiene	9.187	237	447959	120.021	ng	98
43) 2,4,6-Trichlorophenol	9.310	196	290916	45.171	ng	99

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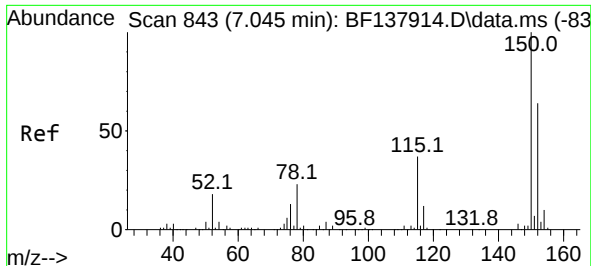
Quant Time: May 22 13:45:34 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.351	196	315221	44.732	ng	97
46) 1,1'-Biphenyl	9.498	154	1081921	42.693	ng	99
47) 2-Chloronaphthalene	9.528	162	842319	41.638	ng	98
48) 2-Nitroaniline	9.622	65	232262	44.836	ng	96
49) Acenaphthylene	9.945	152	1343162	46.177	ng	99
50) Dimethylphthalate	9.798	163	1032340	45.564	ng	99
51) 2,6-Dinitrotoluene	9.863	165	228699	43.980	ng	99
52) Acenaphthene	10.122	154	916254	47.660	ng	99
53) 3-Nitroaniline	10.034	138	162522	31.970	ng	99
54) 2,4-Dinitrophenol	10.139	184	264222	92.829	ng #	87
55) Dibenzofuran	10.292	168	1214401	43.404	ng	100
56) 4-Nitrophenol	10.192	139	361153	98.913	ng	93
57) 2,4-Dinitrotoluene	10.269	165	314787	46.826	ng #	89
58) Fluorene	10.639	166	962450	43.490	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.404	232	265386	47.939	ng	99
60) Diethylphthalate	10.498	149	981773	46.397	ng	99
61) 4-Chlorophenyl-phenyle...	10.622	204	486057	44.537	ng	98
62) 4-Nitroaniline	10.657	138	211713	43.909	ng	98
63) Azobenzene	10.786	77	876122	45.520	ng	99
65) 4,6-Dinitro-2-methylph...	10.681	198	182131	49.548	ng	99
66) n-Nitrosodiphenylamine	10.745	169	850336	43.555	ng	100
67) 4-Bromophenyl-phenylether	11.116	248	308499	44.203	ng	100
68) Hexachlorobenzene	11.186	284	330502	42.841	ng	100
69) Atrazine	11.269	200	291367	54.654	ng	100
70) Pentachlorophenol	11.380	266	405551	89.744	ng	98
71) Phenanthrene	11.610	178	1366090	43.545	ng	99
72) Anthracene	11.657	178	1370981	44.045	ng	99
73) Carbazole	11.810	167	1230204	43.265	ng	99
74) Di-n-butylphthalate	12.128	149	1520356	48.180	ng	100
75) Fluoranthene	12.798	202	1397760	43.895	ng	98
77) Benzidine	12.916	184	105010	21.586	ng	99
78) Pyrene	13.033	202	1400676	43.022	ng	100
80) Butylbenzylphthalate	13.633	149	530518	54.024	ng	98
81) Benzo(a)anthracene	14.221	228	1088444	46.219	ng	99
82) 3,3'-Dichlorobenzidine	14.174	252	214663	32.892	ng	99
83) Chrysene	14.257	228	1010438	44.864	ng	99
84) Bis(2-ethylhexyl)phtha...	14.186	149	671126	54.367	ng	99
85) Di-n-octyl phthalate	14.816	149	937702	56.228	ng	99
87) Indeno(1,2,3-cd)pyrene	17.427	276	923818	47.487	ng	99
88) Benzo(b)fluoranthene	15.321	252	850651	48.519	ng	99
89) Benzo(k)fluoranthene	15.357	252	812433	47.169	ng	100
90) Benzo(a)pyrene	15.727	252	746658	49.874	ng	98
91) Dibenzo(a,h)anthracene	17.445	278	759669	47.263	ng	99
92) Benzo(g,h,i)perylene	17.927	276	717096	42.469	ng	100

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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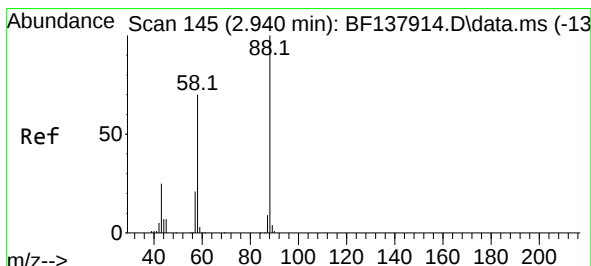
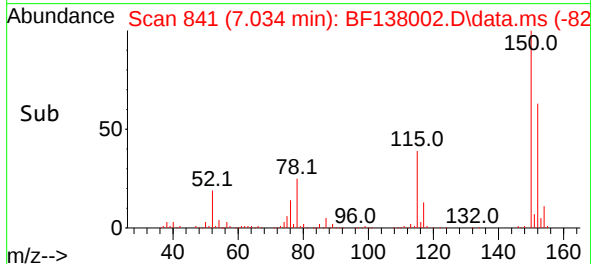
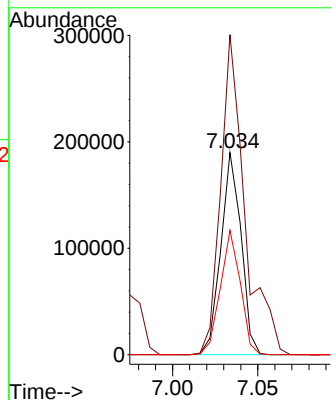
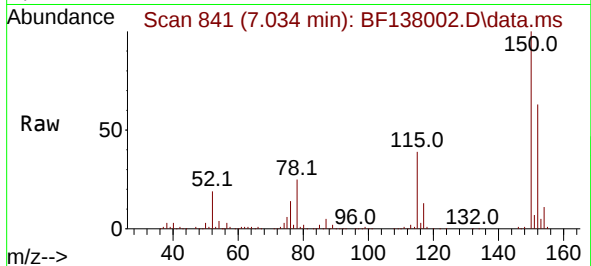




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.034 min Scan# 84
Delta R.T. -0.011 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

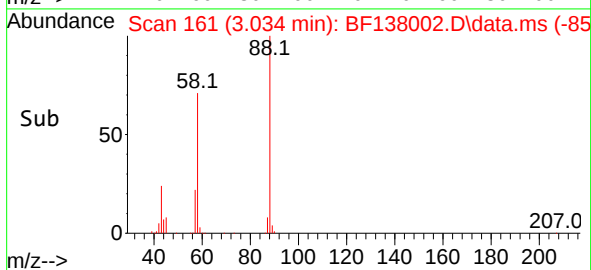
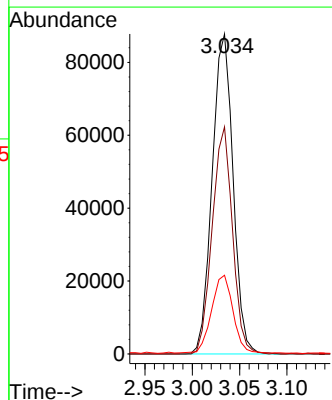
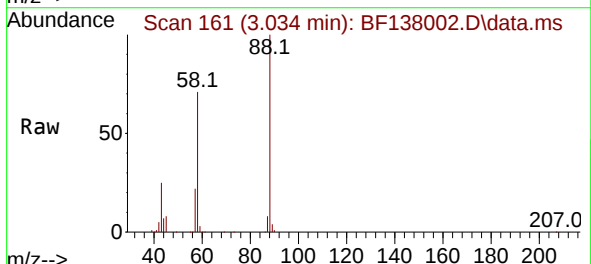
Instrument :
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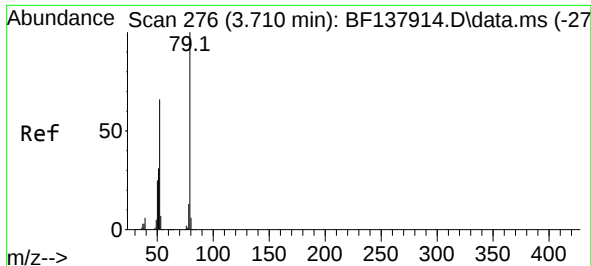
Tgt Ion:152 Resp: 156935
Ion Ratio Lower Upper
152 100
150 158.4 125.7 188.5
115 61.5 47.0 70.6



#2
1,4-Dioxane
Concen: 33.566 ng
RT: 3.034 min Scan# 161
Delta R.T. 0.094 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion: 88 Resp: 134341
Ion Ratio Lower Upper
88 100
58 68.9 54.4 81.6
43 24.7 19.6 29.4





#3

Pyridine

Concen: 36.928 ng

RT: 3.775 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

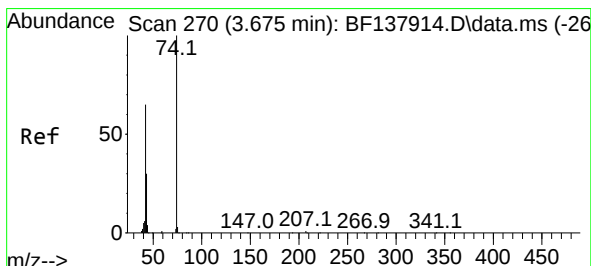
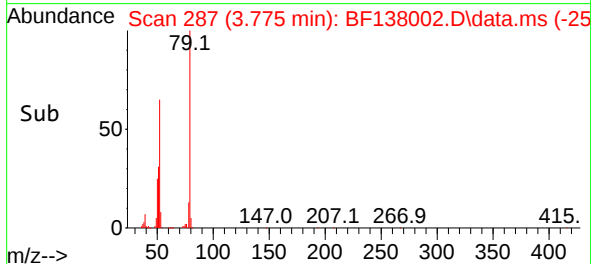
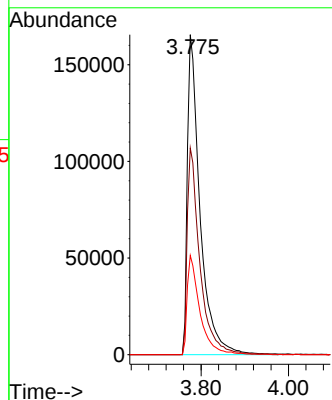
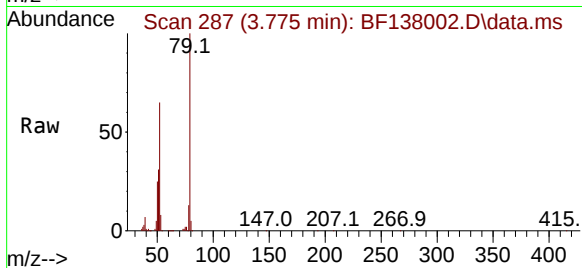
Tgt Ion: 79 Resp: 331632

Ion Ratio Lower Upper

79 100

52 64.6 52.5 78.7

51 31.0 25.1 37.7



#4

n-Nitrosodimethylamine

Concen: 41.570 ng

RT: 3.746 min Scan# 282

Delta R.T. 0.071 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

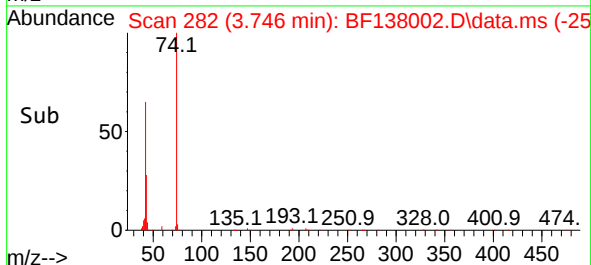
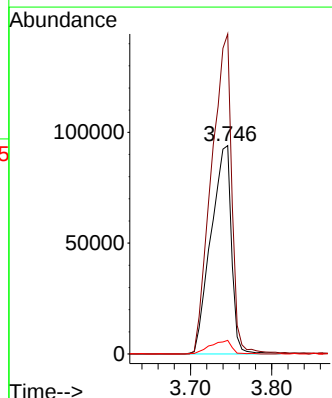
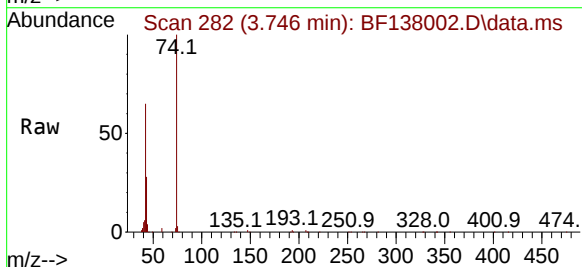
Tgt Ion: 42 Resp: 164687

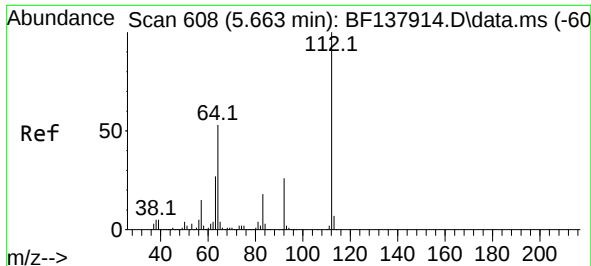
Ion Ratio Lower Upper

42 100

74 153.6 123.1 184.7

44 6.5 5.0 7.6

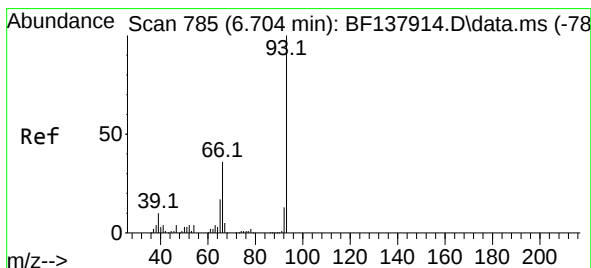
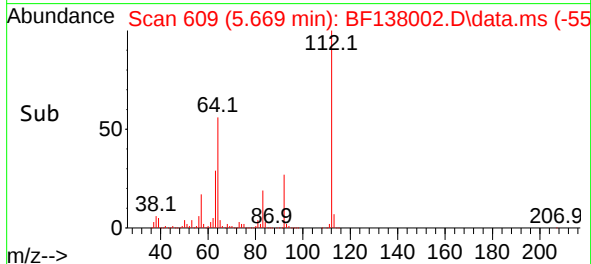
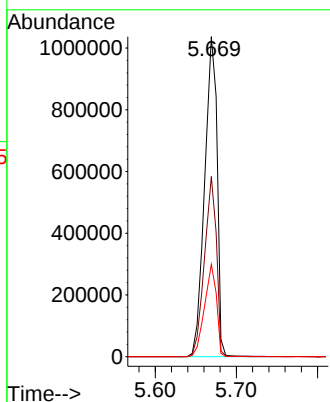
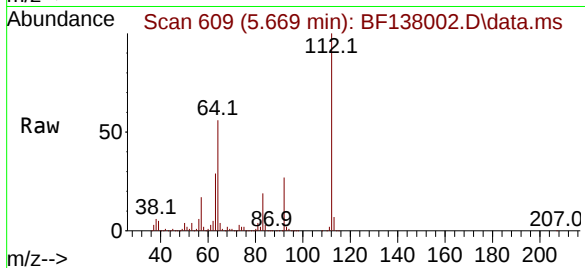




#5
2-Fluorophenol
Concen: 119.402 ng
RT: 5.669 min Scan# 608
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

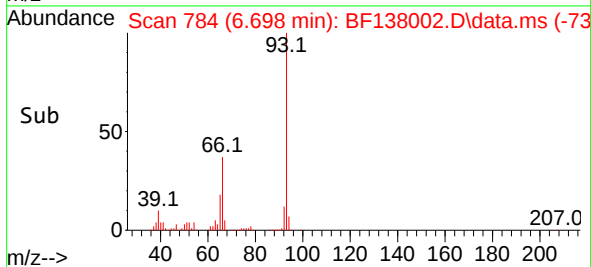
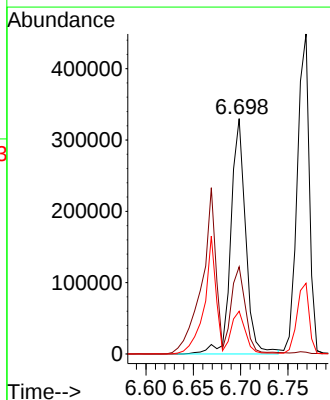
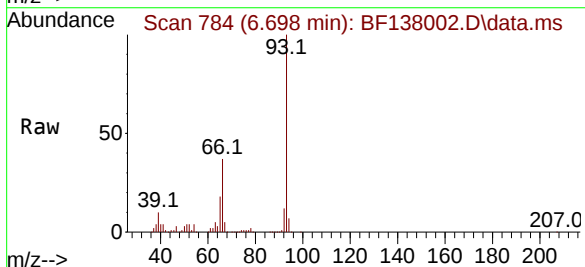
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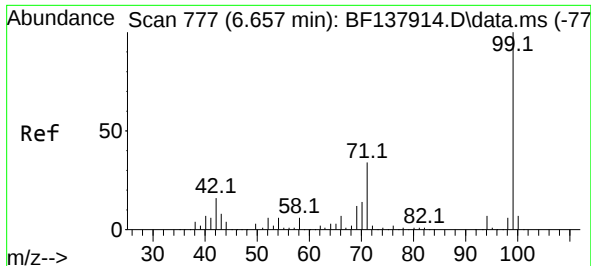
Tgt Ion:112 Resp: 1103135
Ion Ratio Lower Upper
112 100
64 56.3 42.4 63.6
63 28.8 21.4 32.2



#6
Aniline
Concen: 35.164 ng
RT: 6.698 min Scan# 784
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion: 93 Resp: 357945
Ion Ratio Lower Upper
93 100
66 37.1 30.7 46.1
65 18.2 15.0 22.4

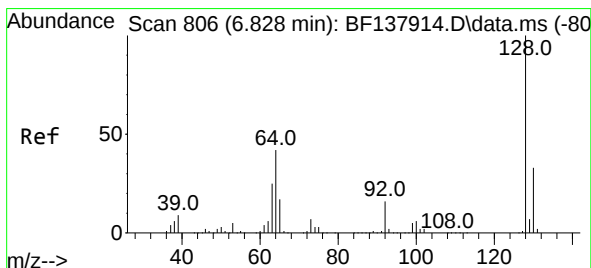
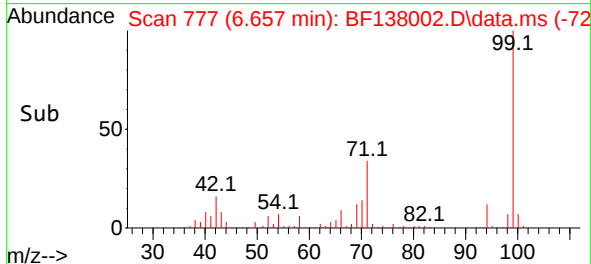
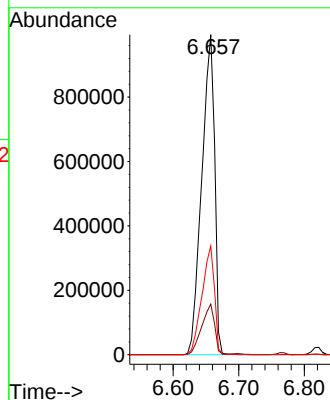
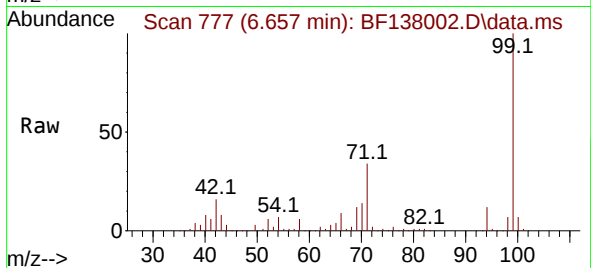




#7
Phenol-d6
Concen: 119.881 ng
RT: 6.657 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

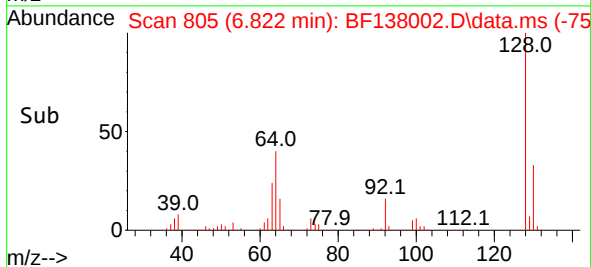
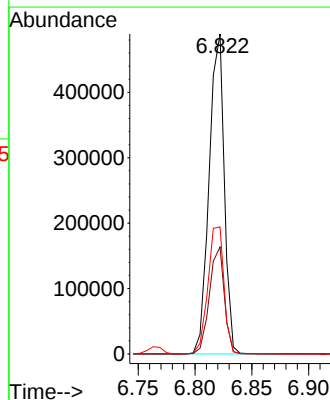
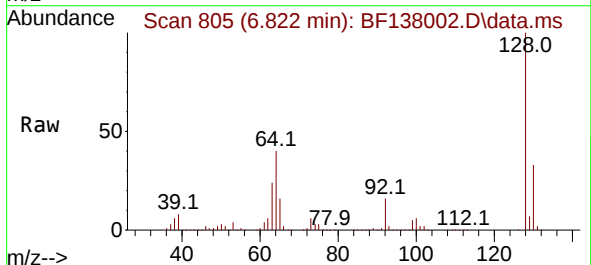
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Tgt Ion: 99 Resp: 1364336
Ion Ratio Lower Upper
99 100
42 15.8 12.6 18.8
71 33.9 27.1 40.7



#8
2-Chlorophenol
Concen: 45.303 ng
RT: 6.822 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion: 128 Resp: 452955
Ion Ratio Lower Upper
128 100
130 33.4 12.8 52.8
64 39.7 22.2 62.2

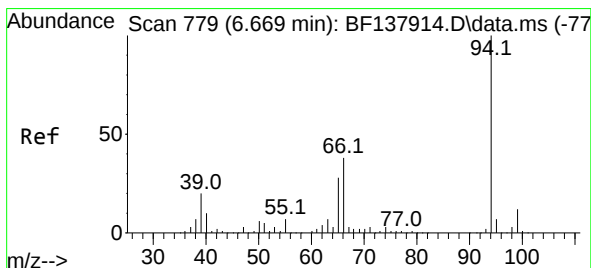
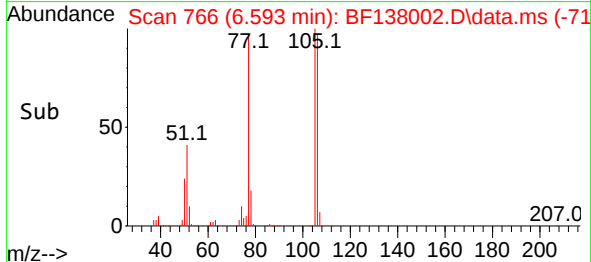
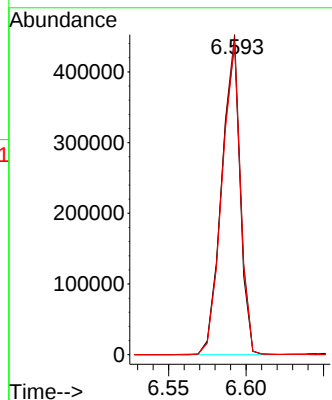
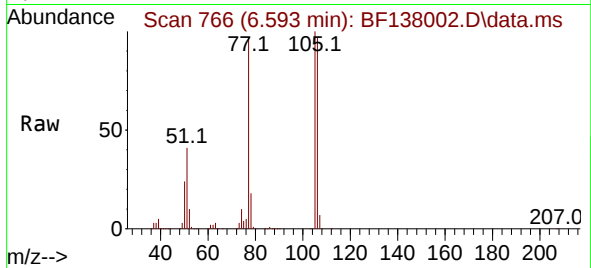




#9
Benzaldehyde
Concen: 59.415 ng
RT: 6.593 min Scan# 766
Delta R.T. -0.005 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

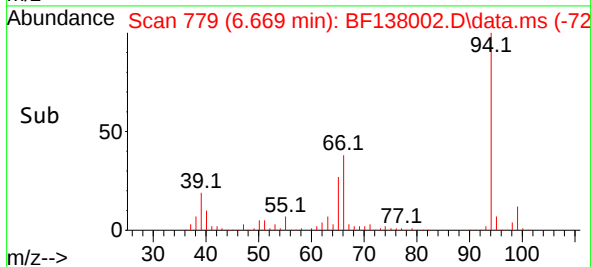
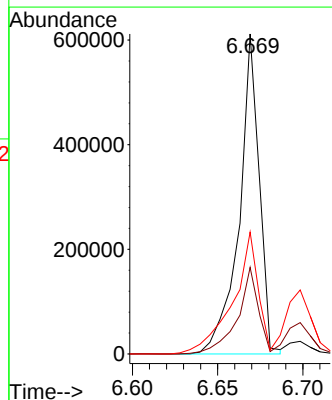
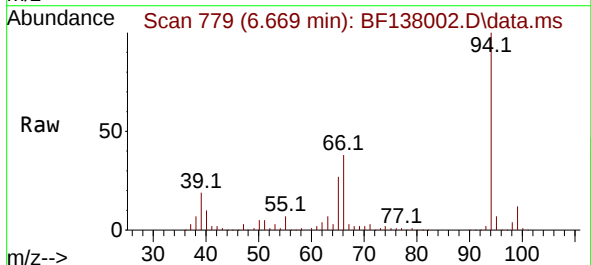
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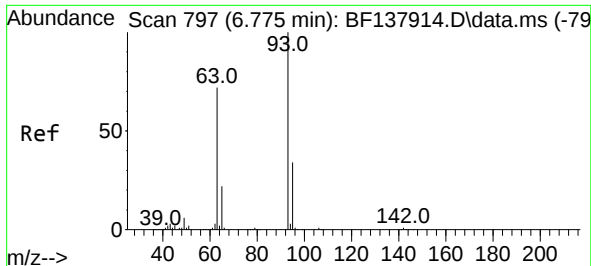
Tgt Ion: 77 Resp: 365839
Ion Ratio Lower Upper
77 100
105 102.8 82.3 122.3
106 100.1 79.2 119.2



#10
Phenol
Concen: 43.504 ng
RT: 6.669 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF138002.D
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Tgt Ion: 94 Resp: 499741
Ion Ratio Lower Upper
94 100
65 27.0 7.8 47.8
66 38.1 18.6 58.6

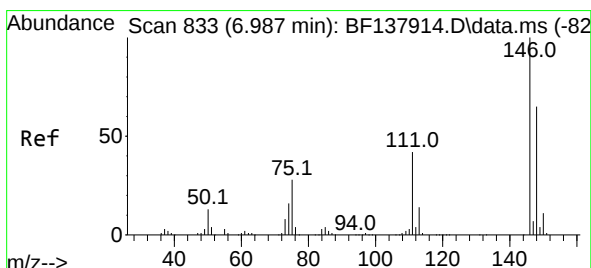
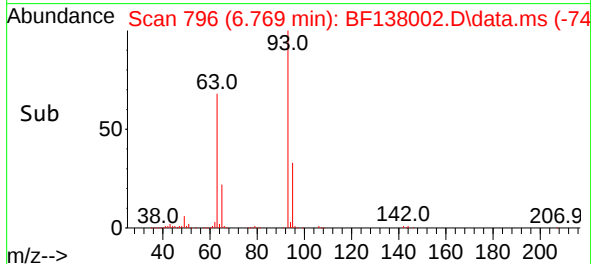
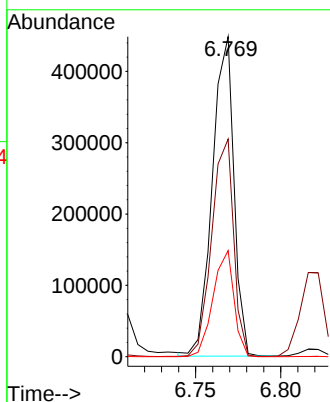
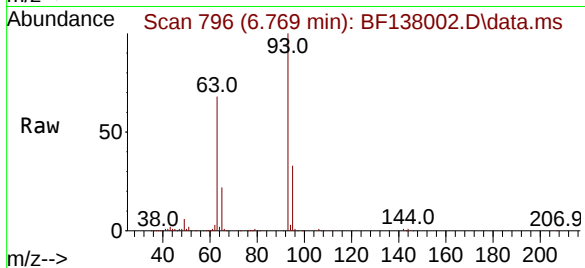




#11
bis(2-Chloroethyl)ether
Concen: 44.706 ng
RT: 6.769 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

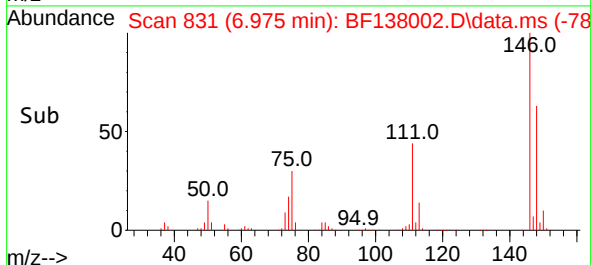
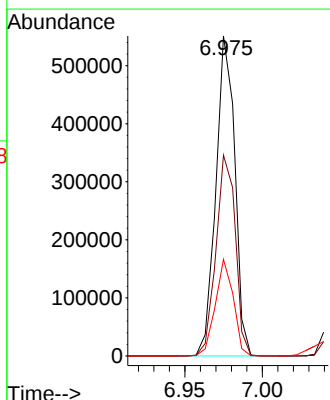
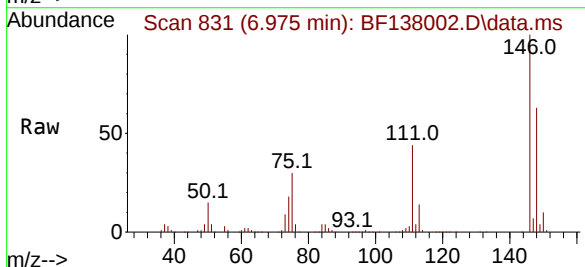
Instrument :
BNA_F
ClientSampleId :
PB161034BS

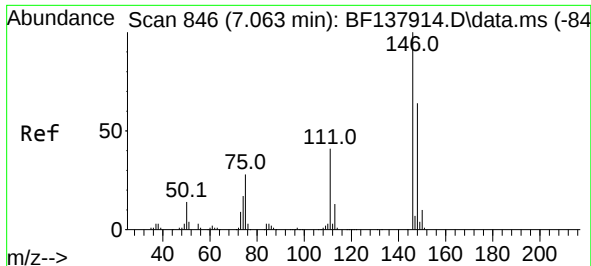
Tgt Ion: 93 Resp: 394308
Ion Ratio Lower Upper
93 100
63 68.0 51.4 91.4
95 33.2 13.5 53.5



#12
1,3-Dichlorobenzene
Concen: 40.456 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:146 Resp: 468001
Ion Ratio Lower Upper
146 100
148 62.7 51.7 77.5
75 30.2 22.4 33.6

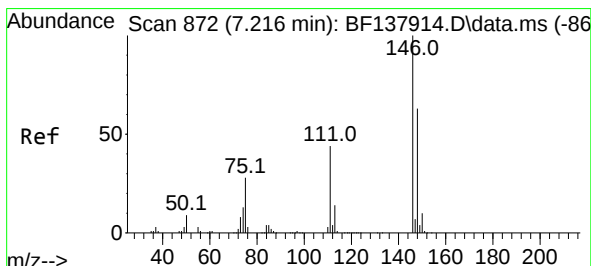
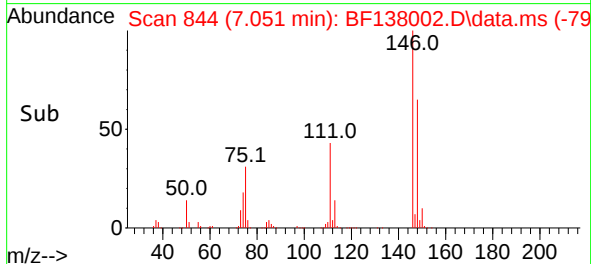
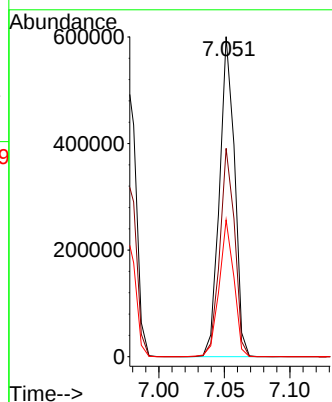
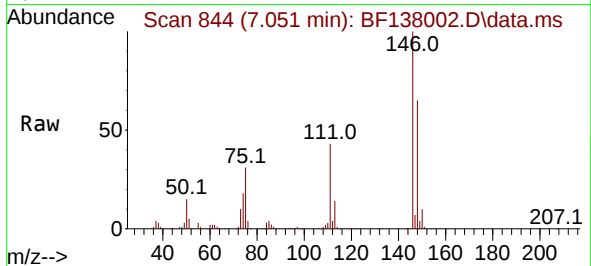




#13
1,4-Dichlorobenzene
Concen: 41.184 ng
RT: 7.051 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

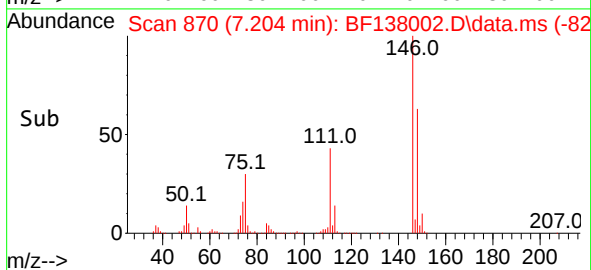
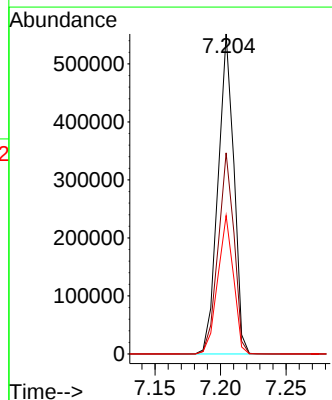
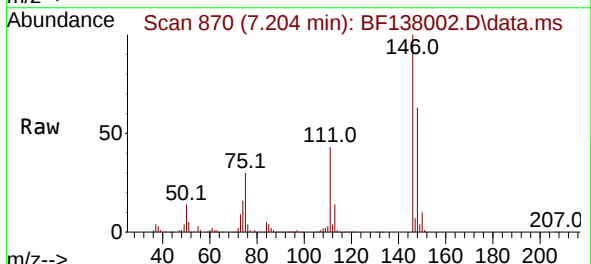
Instrument :
BNA_F
ClientSampleId :
PB161034BS

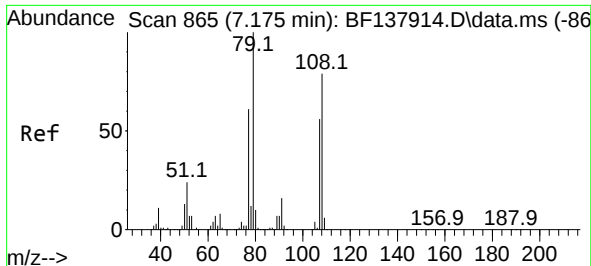
Tgt Ion:146 Resp: 478207
Ion Ratio Lower Upper
146 100
148 65.1 51.0 76.6
111 42.8 32.5 48.7



#14
1,2-Dichlorobenzene
Concen: 42.304 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:146 Resp: 462317
Ion Ratio Lower Upper
146 100
148 62.8 50.2 75.4
111 43.2 35.1 52.7

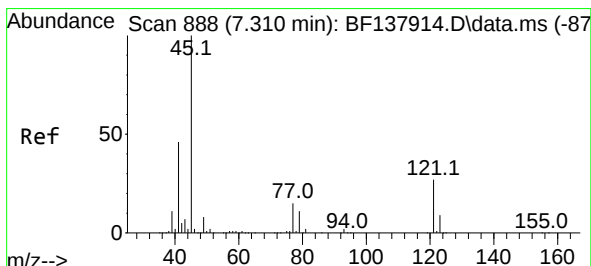
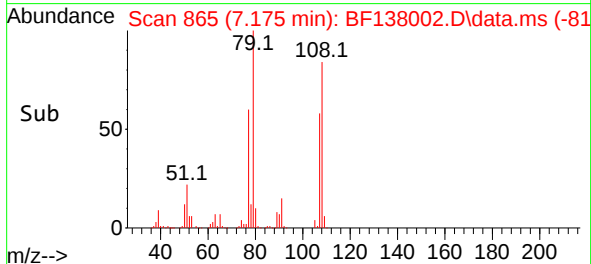
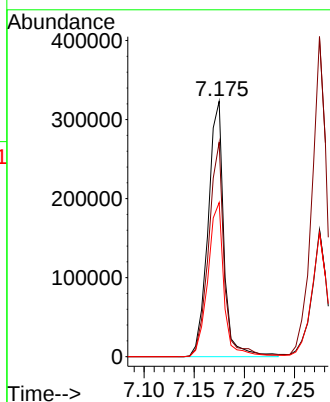
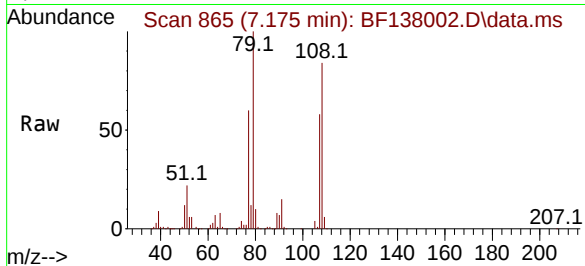




#15
Benzyl Alcohol
Concen: 46.893 ng
RT: 7.175 min Scan# 865
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

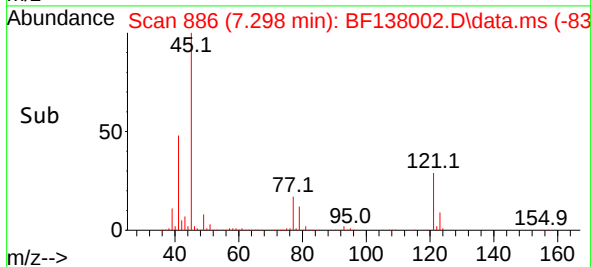
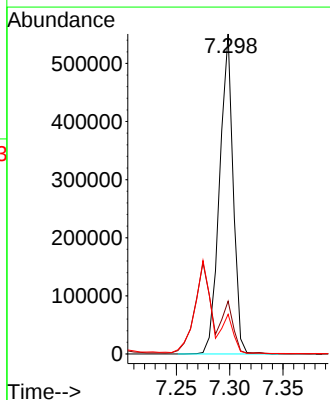
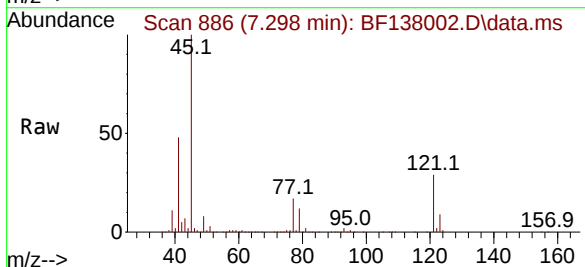
Instrument :
BNA_F
ClientSampleId :
PB161034BS

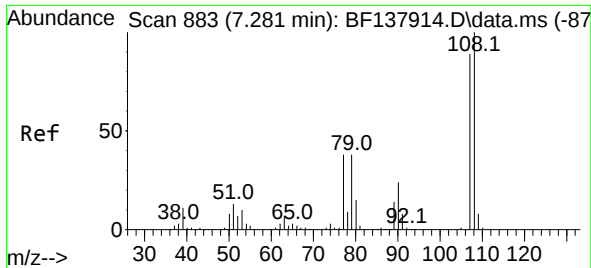
Tgt Ion: 79 Resp: 356363
Ion Ratio Lower Upper
79 100
108 84.0 62.8 94.2
77 60.4 48.7 73.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.789 ng
RT: 7.298 min Scan# 886
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion: 45 Resp: 485601
Ion Ratio Lower Upper
45 100
77 16.5 0.0 35.3
79 12.4 0.0 32.1

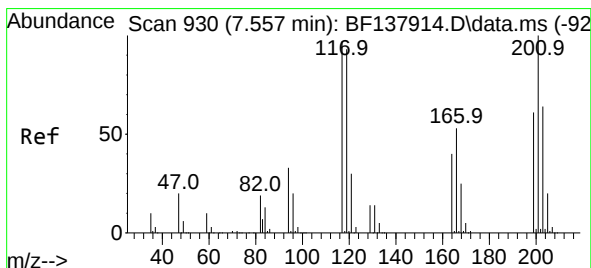
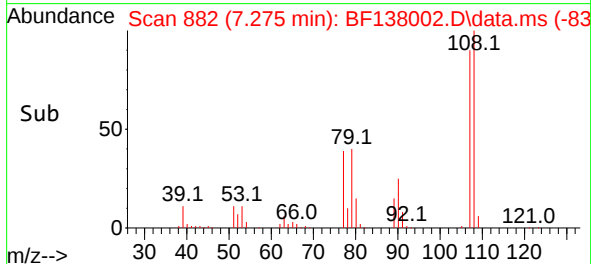
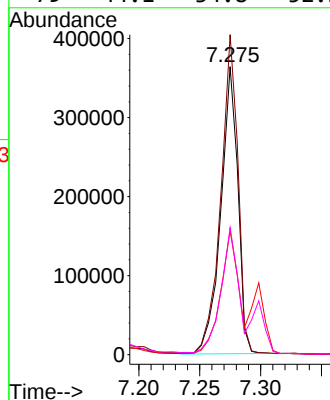
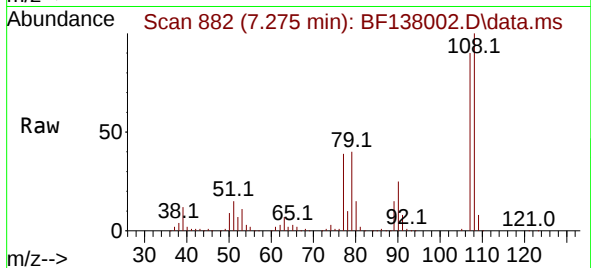




#17
2-Methylphenol
Concen: 44.392 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

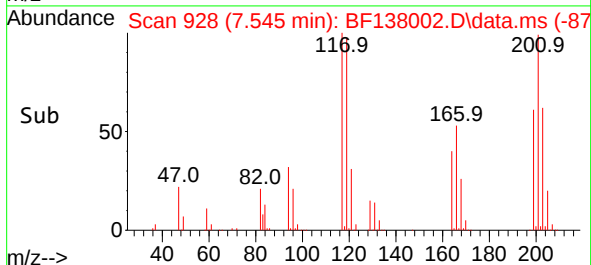
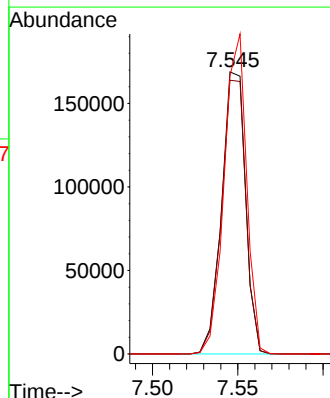
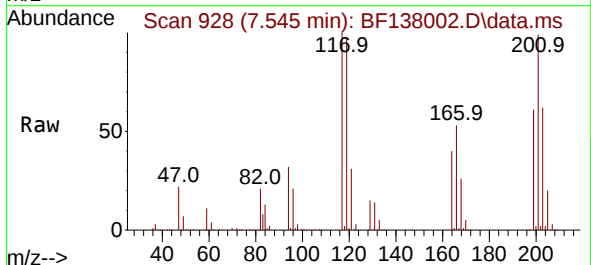
Instrument :
BNA_F
ClientSampleId :
PB161034BS

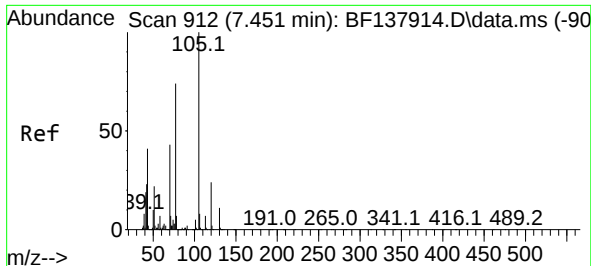
Tgt Ion:	107	Resp:	353960
Ion	Ratio	Lower	Upper
107	100		
108	111.1	90.1	135.1
77	43.0	34.3	51.5
79	44.1	34.8	52.2



#18
Hexachloroethane
Concen: 41.962 ng
RT: 7.545 min Scan# 928
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:	117	Resp:	164879
Ion	Ratio	Lower	Upper
117	100		
119	97.0	76.8	115.2
201	98.6	82.7	124.1

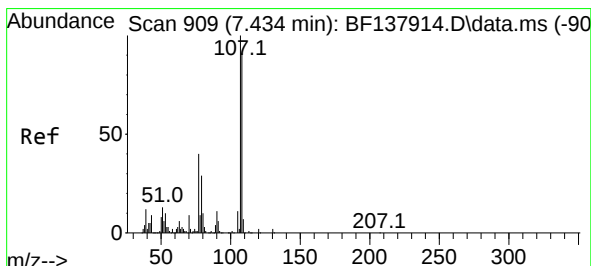
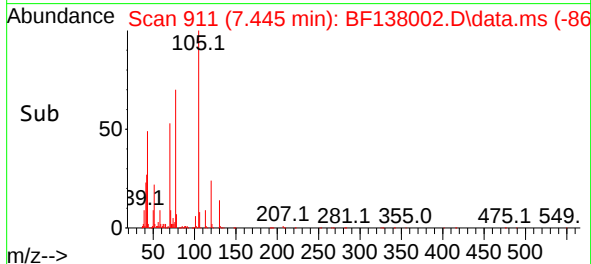
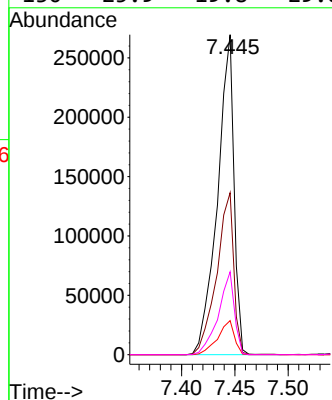
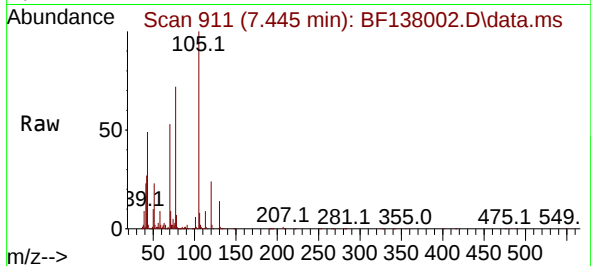




#19
n-Nitroso-di-n-propylamine
Concen: 45.305 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

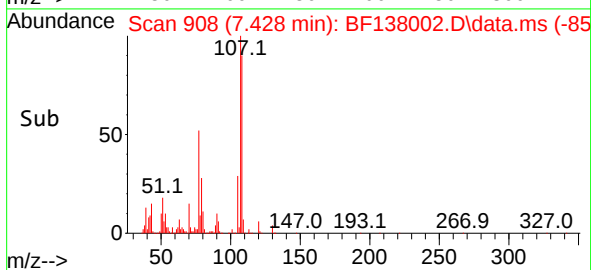
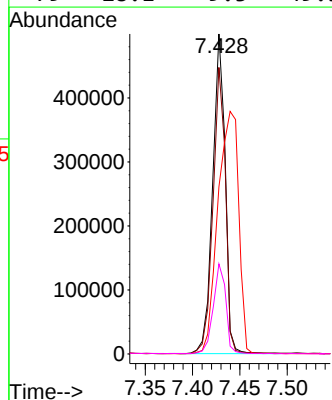
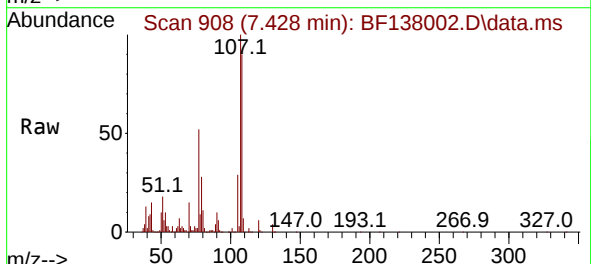
Instrument :
BNA_F
ClientSampleId :
PB161034BS

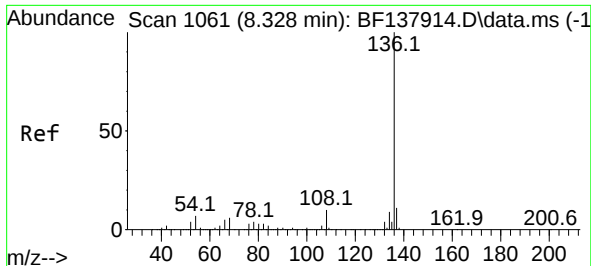
Tgt Ion: 70 Resp: 289681
Ion Ratio Lower Upper
70 100
42 50.6 42.2 63.4
101 10.7 8.8 13.2
130 25.9 19.8 29.8



#20
3+4-Methylphenols
Concen: 43.657 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:107 Resp: 456031
Ion Ratio Lower Upper
107 100
108 89.6 70.8 110.8
77 52.2 20.2 60.2
79 28.1 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.322 min Scan# 1060
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

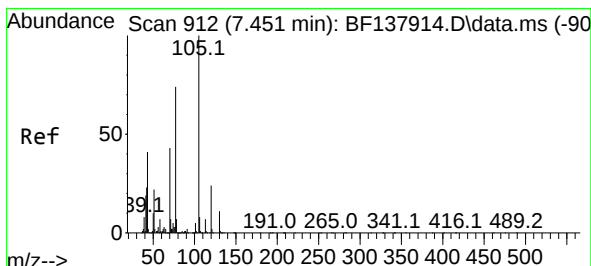
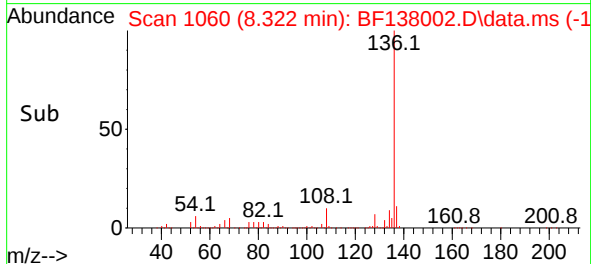
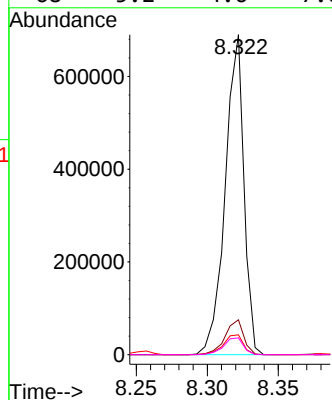
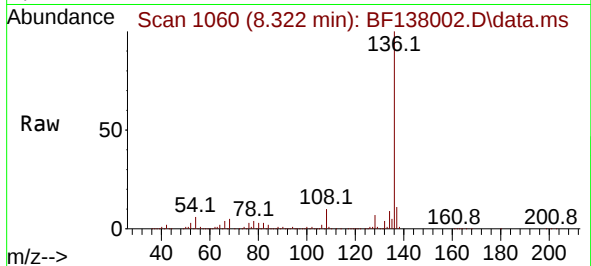
Instrument :

BNA_F

ClientSampleId :

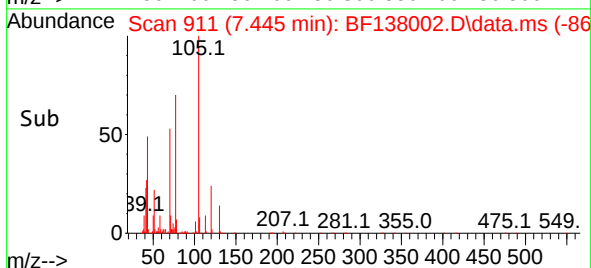
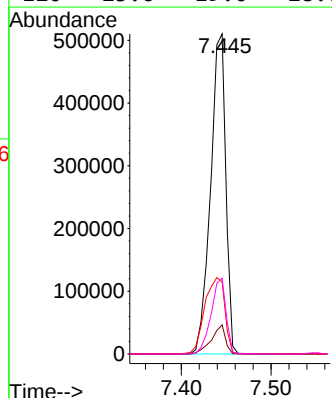
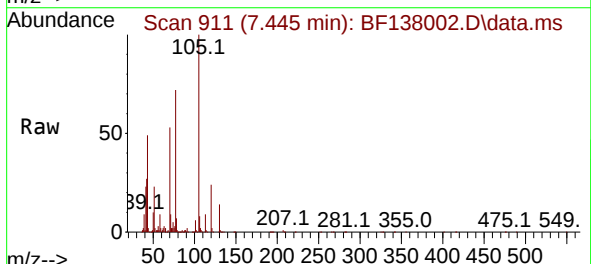
PB161034BS

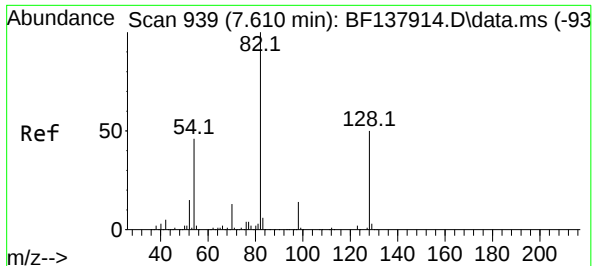
Tgt Ion:136 Resp: 631403
Ion Ratio Lower Upper
136 100
137 10.9 8.7 13.1
54 6.2 5.4 8.2
68 5.2 4.6 7.0



#22
Acetophenone
Concen: 42.585 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:105 Resp: 602346
Ion Ratio Lower Upper
105 100
71 9.1 5.7 8.5#
51 22.5 17.8 26.8
120 23.6 19.0 28.6





#23

Nitrobenzene-d5

Concen: 79.279 ng

RT: 7.598 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

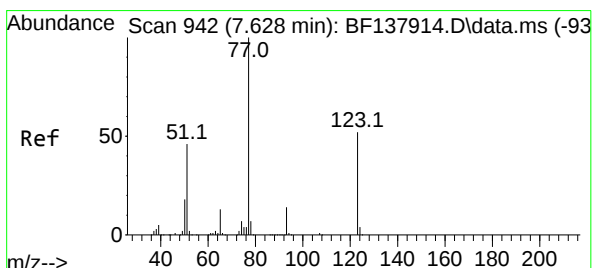
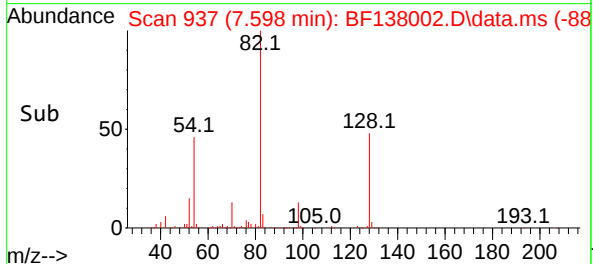
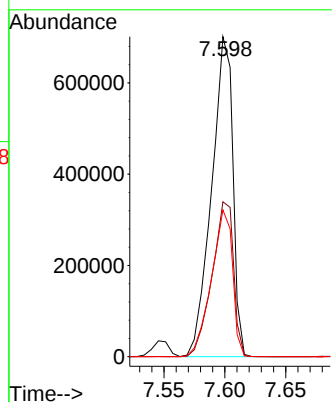
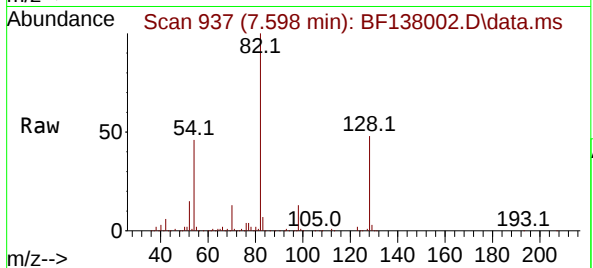
Tgt Ion: 82 Resp: 850583

Ion Ratio Lower Upper

82 100

128 48.4 40.3 60.5

54 45.9 36.8 55.2



#24

Nitrobenzene

Concen: 40.325 ng

RT: 7.622 min Scan# 941

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

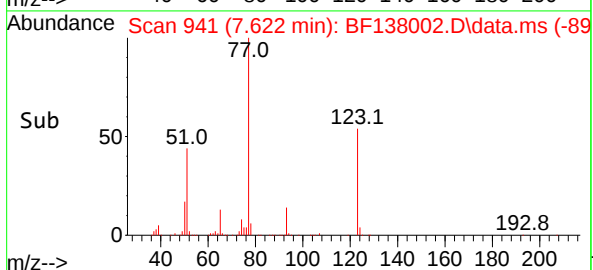
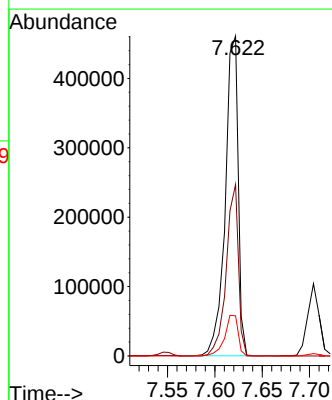
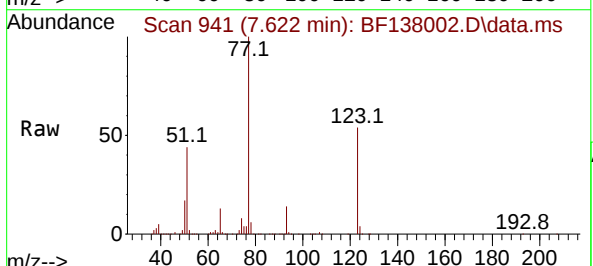
Tgt Ion: 77 Resp: 438901

Ion Ratio Lower Upper

77 100

123 53.6 41.4 62.2

65 12.6 10.5 15.7

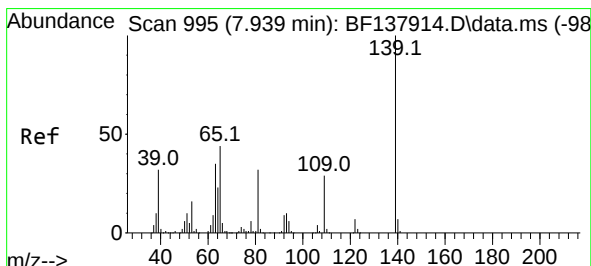
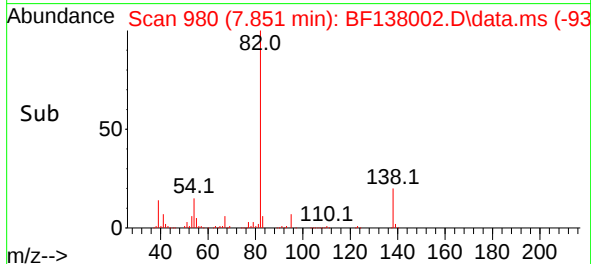
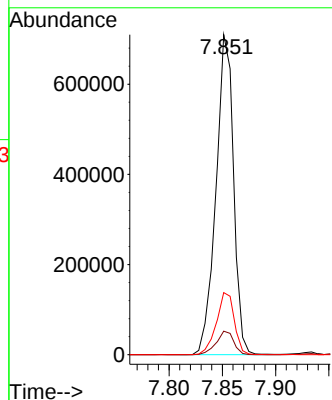
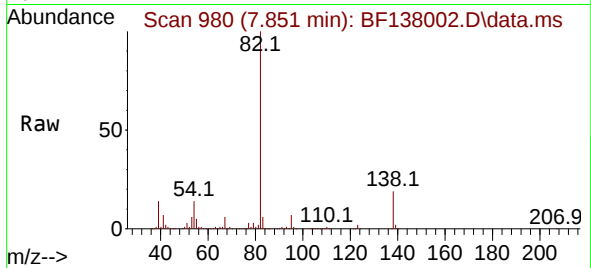




#25
Isophorone
Concen: 43.653 ng
RT: 7.851 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

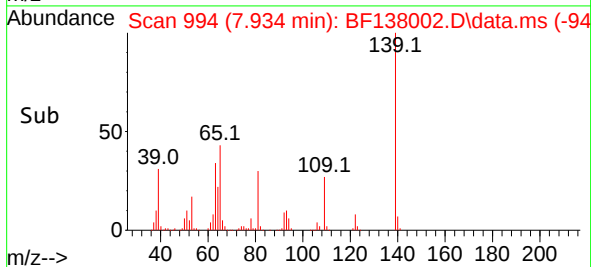
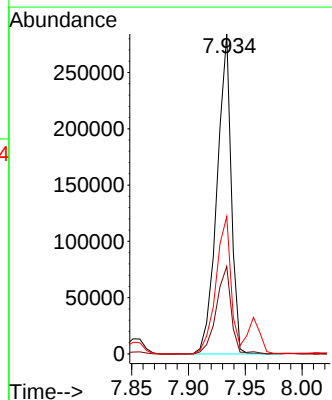
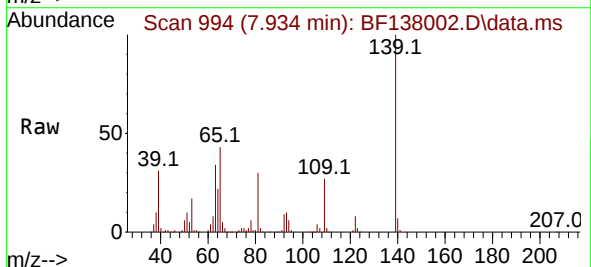
Instrument :
BNA_F
ClientSampleId :
PB161034BS

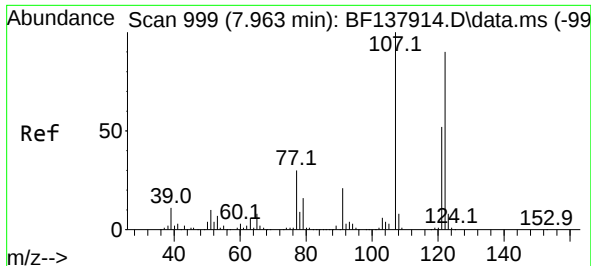
Tgt Ion: 82 Resp: 812860
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 19.4 15.0 22.4



#26
2-Nitrophenol
Concen: 45.291 ng
RT: 7.934 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:139 Resp: 247692
Ion Ratio Lower Upper
139 100
109 27.3 22.8 34.2
65 42.9 35.2 52.8





#27

2,4-Dimethylphenol

Concen: 46.906 ng

RT: 7.957 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

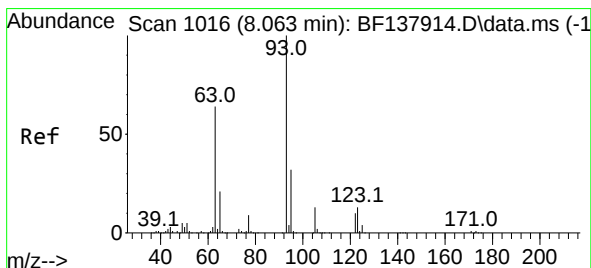
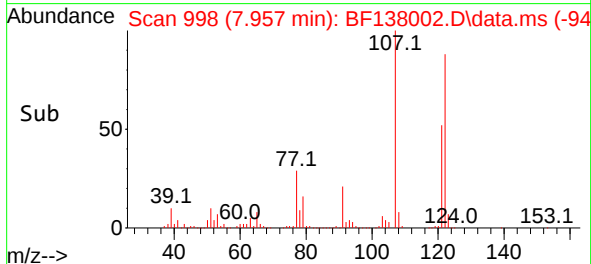
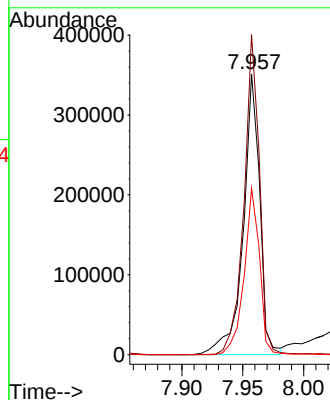
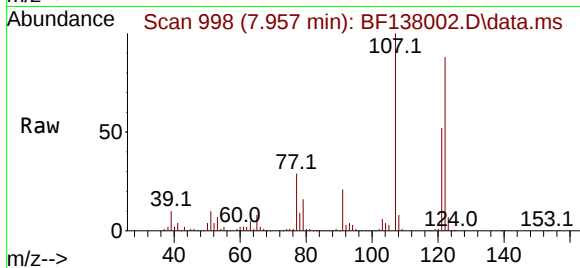
Tgt Ion:122 Resp: 330272

Ion Ratio Lower Upper

122 100

107 114.0 89.0 133.4

121 59.2 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 43.619 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

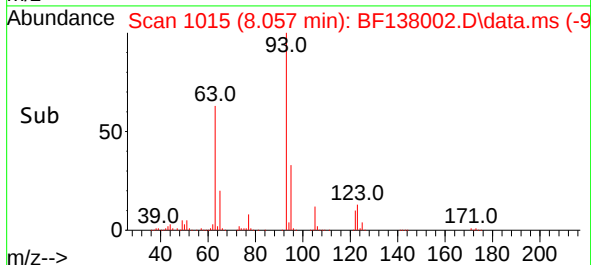
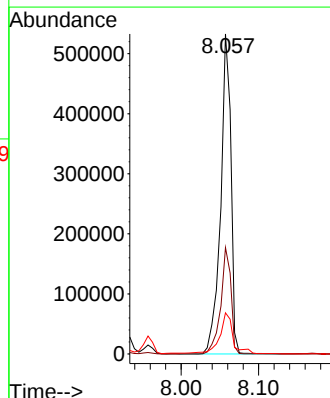
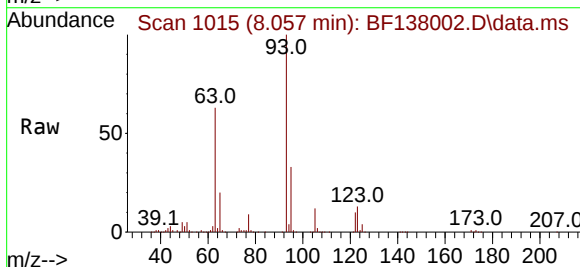
Tgt Ion: 93 Resp: 492263

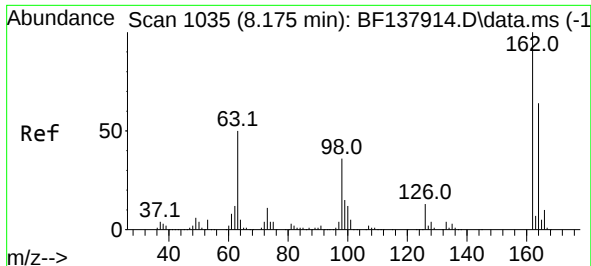
Ion Ratio Lower Upper

93 100

95 33.3 25.9 38.9

123 12.8 10.4 15.6





#29

2,4-Dichlorophenol

Concen: 44.419 ng

RT: 8.169 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

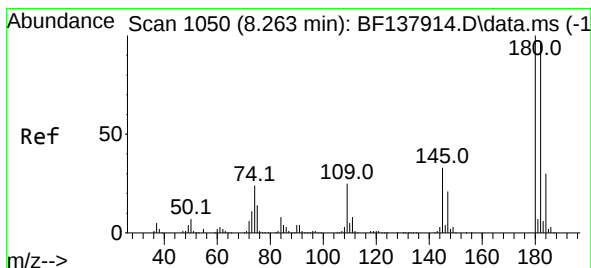
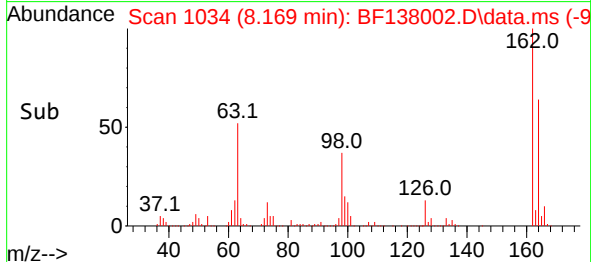
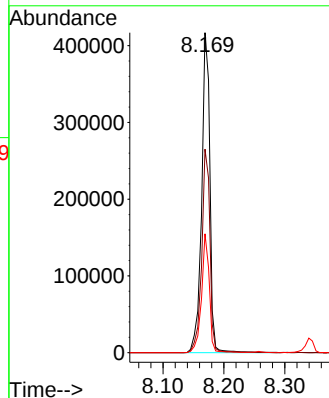
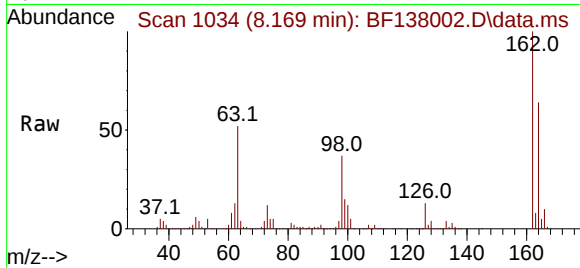
Tgt Ion:162 Resp: 393295

Ion Ratio Lower Upper

162 100

164 63.6 44.3 84.3

98 37.1 15.8 55.8



#30

1,2,4-Trichlorobenzene

Concen: 40.998 ng

RT: 8.257 min Scan# 1049

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

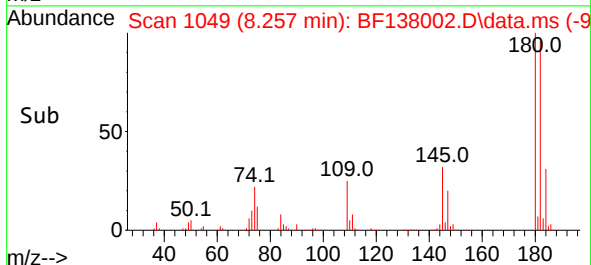
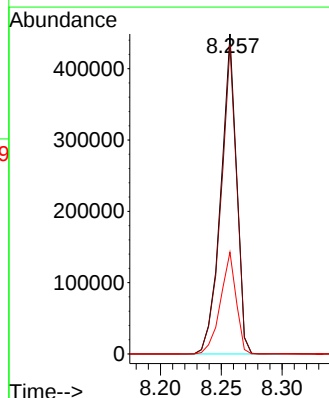
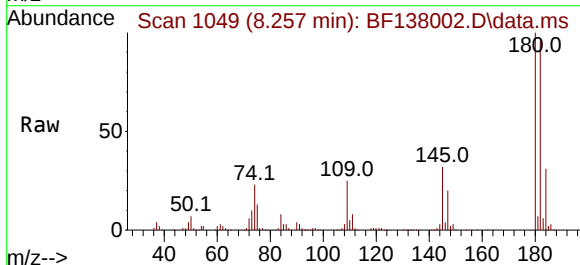
Tgt Ion:180 Resp: 405299

Ion Ratio Lower Upper

180 100

182 96.4 76.5 114.7

145 31.8 26.2 39.2

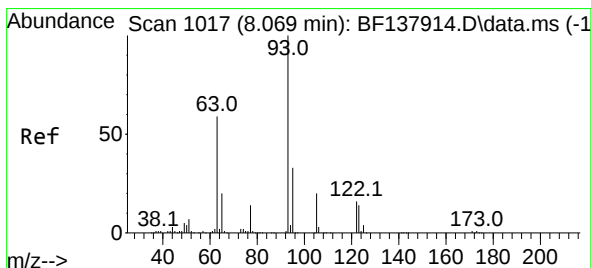
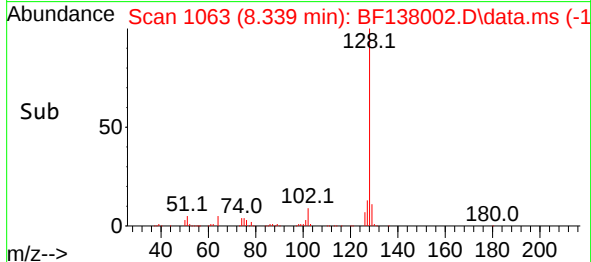
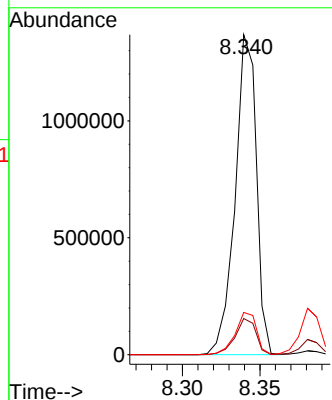
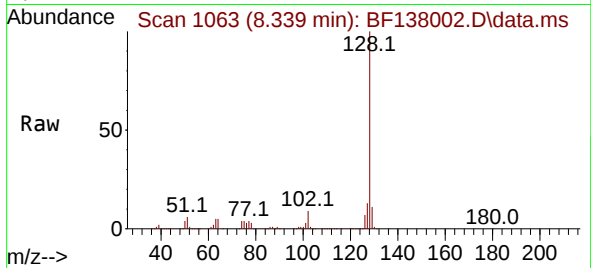




#31
Naphthalene
Concen: 41.105 ng
RT: 8.339 min Scan# 1065
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

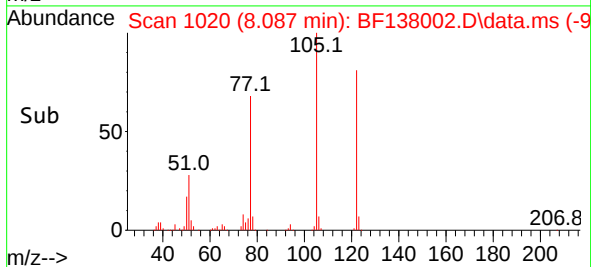
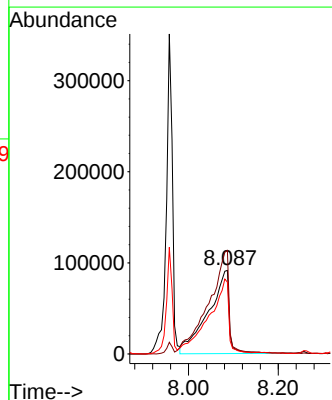
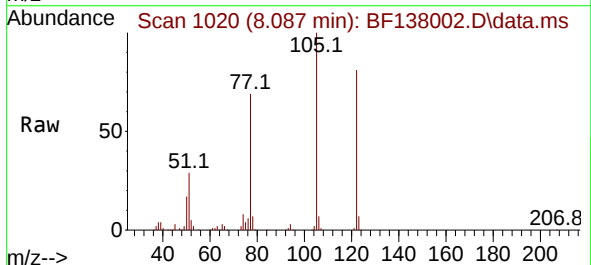
Instrument :
BNA_F
ClientSampleId :
PB161034BS

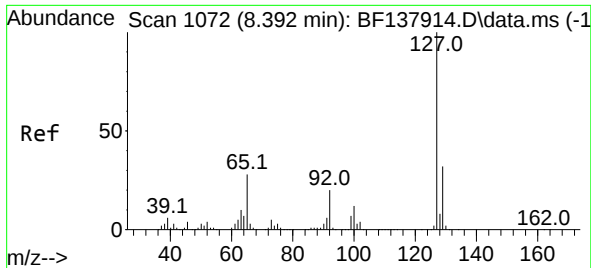
Tgt Ion:128 Resp: 1304975
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.2 10.6 16.0



#32
Benzoic acid
Concen: 49.804 ng
RT: 8.087 min Scan# 1020
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:122 Resp: 296434
Ion Ratio Lower Upper
122 100
105 124.0 103.8 143.8
77 86.0 68.4 108.4

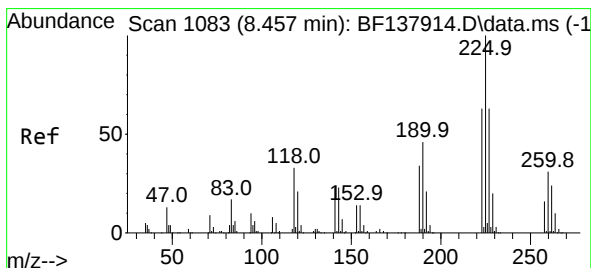
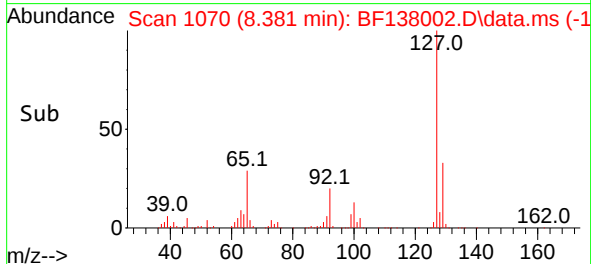
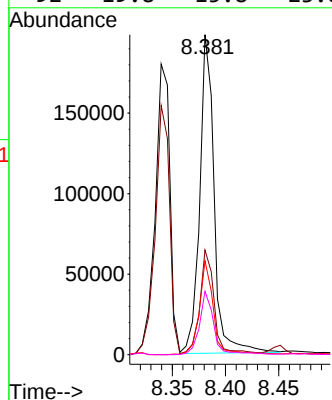
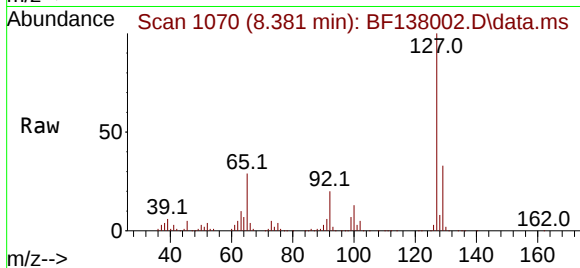




#33
4-Chloroaniline
Concen: 17.976 ng
RT: 8.381 min Scan# 1070
Delta R.T. -0.012 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

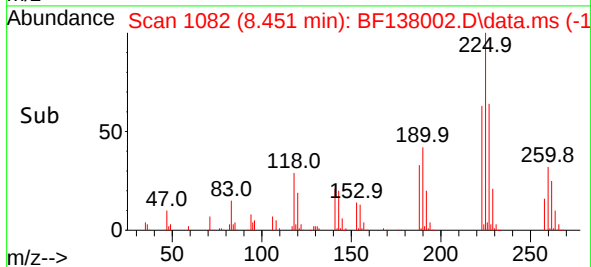
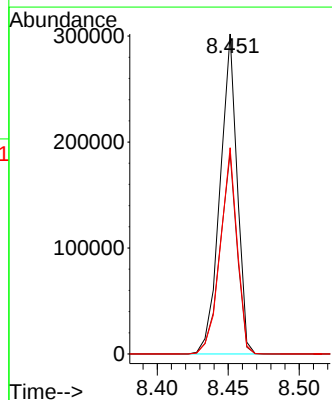
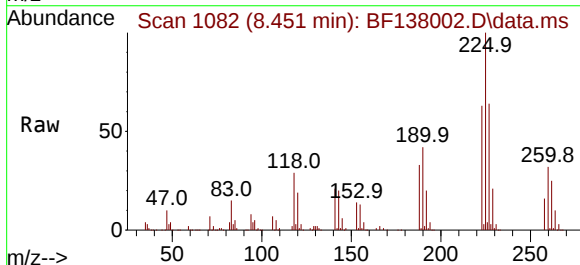
Instrument :
BNA_F
ClientSampleId :
PB161034BS

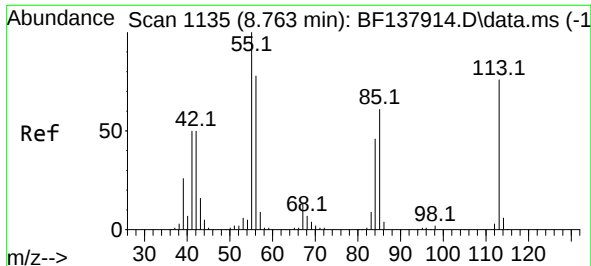
Tgt Ion:	127	Resp:	187087
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.4	38.2
65	29.4	22.0	33.0
92	19.8	15.8	23.8



#34
Hexachlorobutadiene
Concen: 40.275 ng
RT: 8.451 min Scan# 1082
Delta R.T. -0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:	225	Resp:	252017
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.0	75.0
227	64.4	50.2	75.4

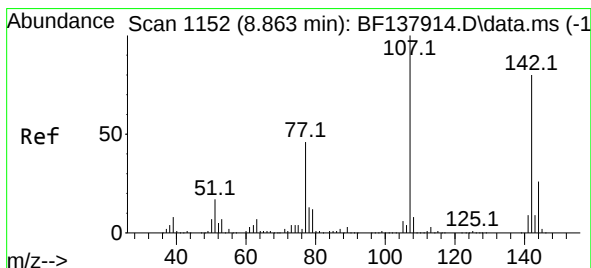
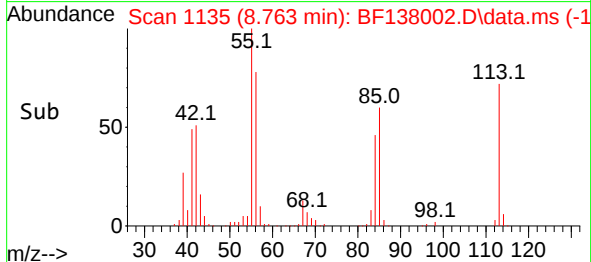
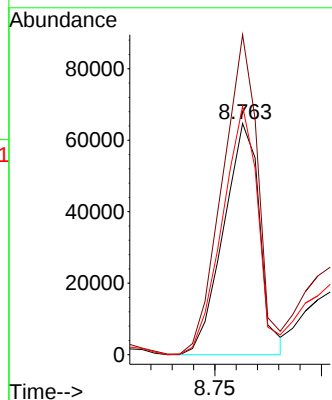
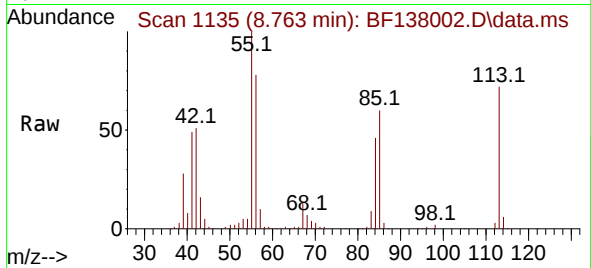




#35
 Caprolactam
 Concen: 29.669 ng
 RT: 8.763 min Scan# 1135
 Delta R.T. 0.000 min
 Lab File: BF138002.D
 Acq: 22 May 2024 13:13

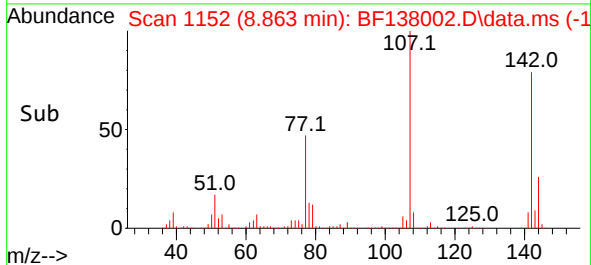
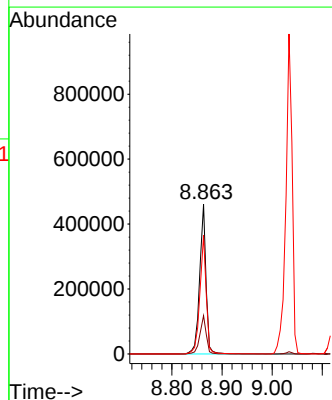
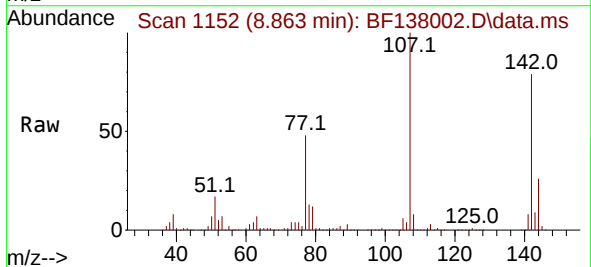
Instrument :
 BNA_F
 ClientSampleId :
 PB161034BS

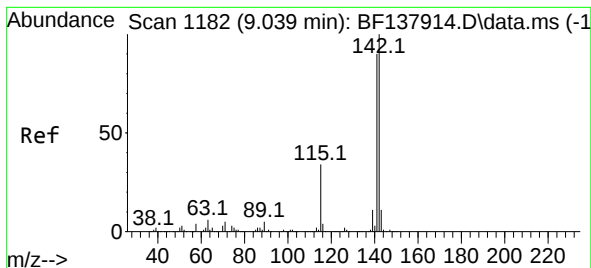
Tgt Ion:113 Resp: 76108
 Ion Ratio Lower Upper
 113 100
 55 138.4 112.3 152.3
 56 107.6 82.7 122.7



#36
 4-Chloro-3-methylphenol
 Concen: 45.115 ng
 RT: 8.863 min Scan# 1152
 Delta R.T. 0.000 min
 Lab File: BF138002.D
 Acq: 22 May 2024 13:13

Tgt Ion:107 Resp: 406351
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.7 31.1
 142 79.2 64.0 96.0





#37

2-Methylnaphthalene

Concen: 42.593 ng

RT: 9.034 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

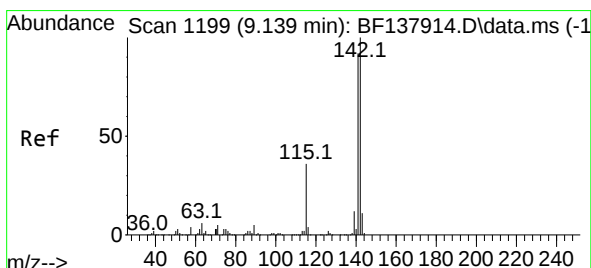
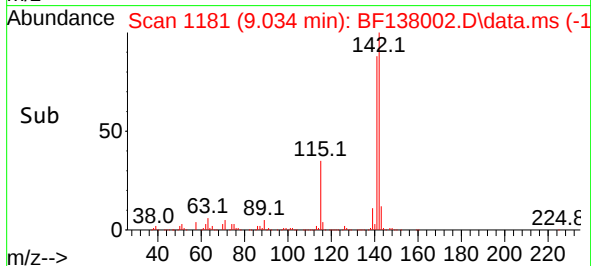
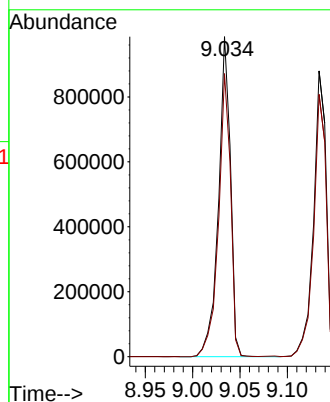
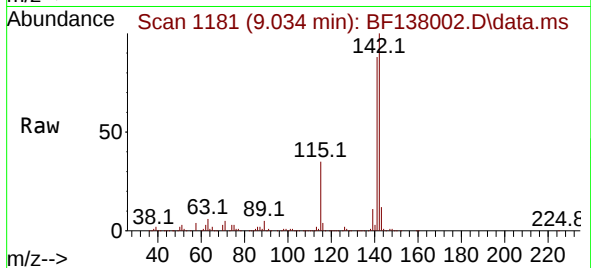
PB161034BS

Tgt Ion:142 Resp: 869194

Ion Ratio Lower Upper

142 100

141 88.5 72.0 108.0



#38

1-Methylnaphthalene

Concen: 40.451 ng

RT: 9.134 min Scan# 1198

Delta R.T. -0.006 min

Lab File: BF138002.D

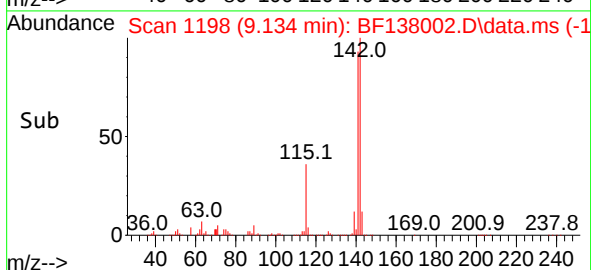
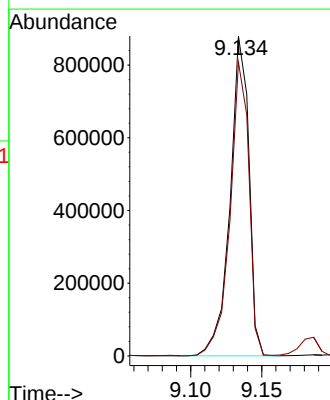
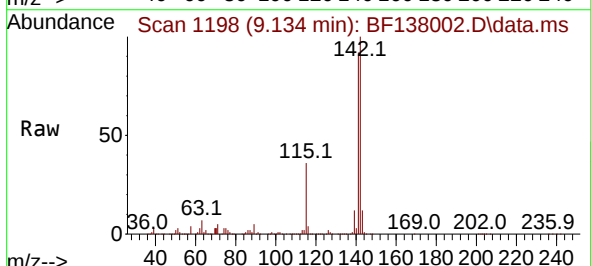
Acq: 22 May 2024 13:13

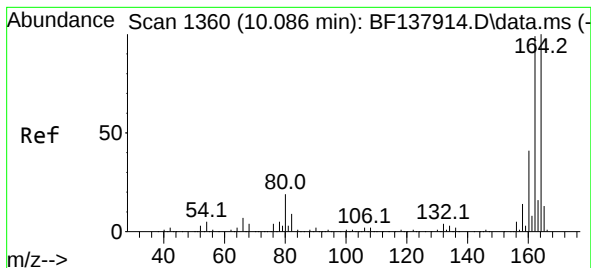
Tgt Ion:142 Resp: 811542

Ion Ratio Lower Upper

142 100

141 91.8 73.7 110.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.086 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

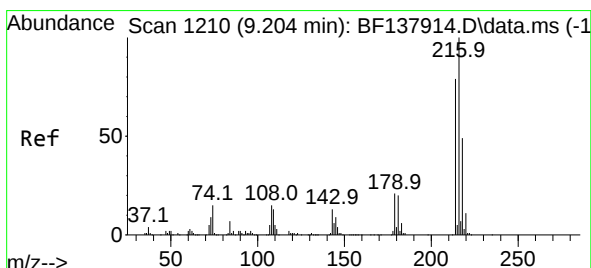
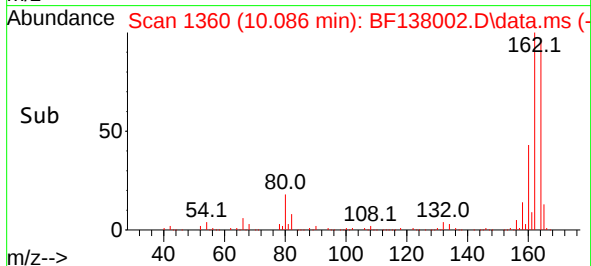
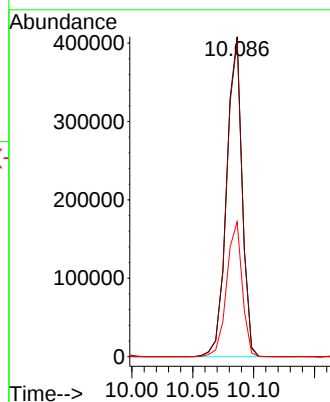
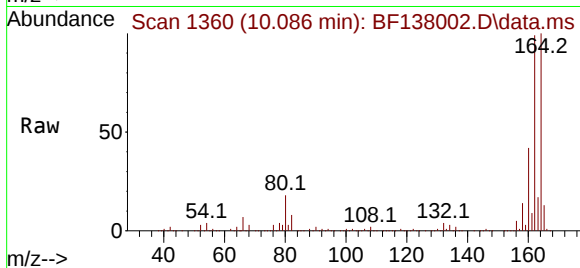
Tgt Ion:164 Resp: 361308

Ion Ratio Lower Upper

164 100

162 99.0 79.4 119.2

160 42.2 33.1 49.7



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.776 ng

RT: 9.198 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Tgt Ion:216 Resp: 420172

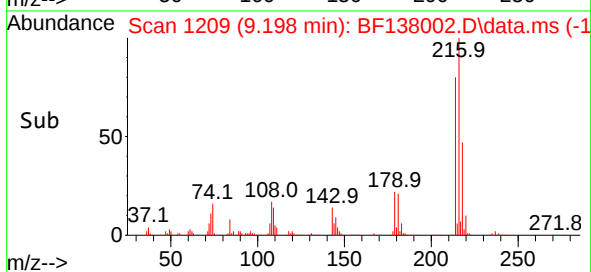
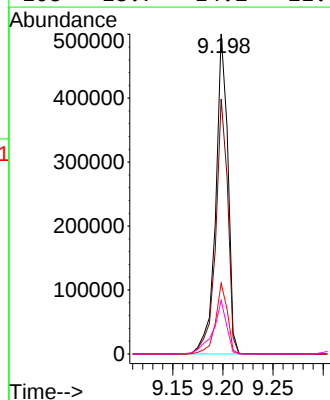
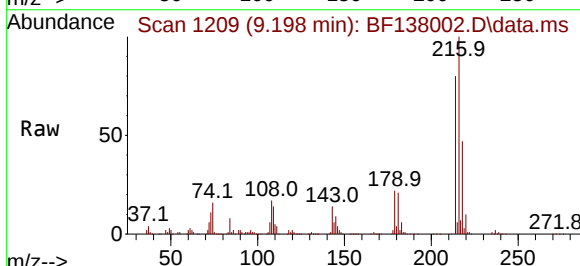
Ion Ratio Lower Upper

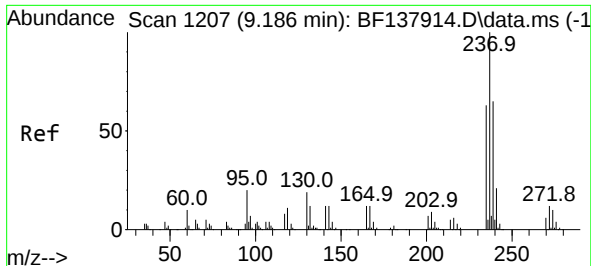
216 100

214 79.5 63.4 95.2

179 21.6 17.0 25.4

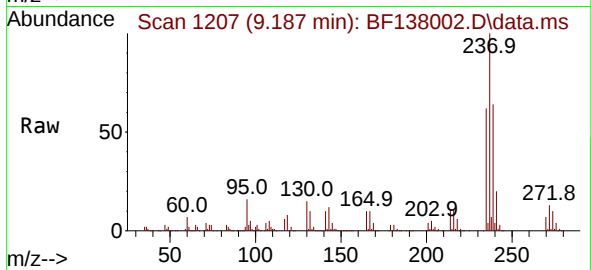
108 18.7 14.2 21.4



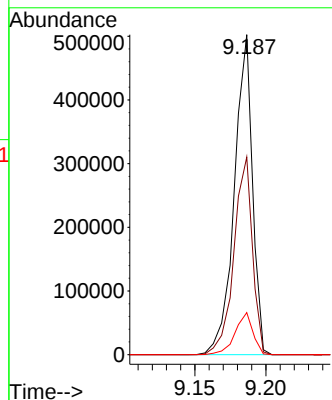
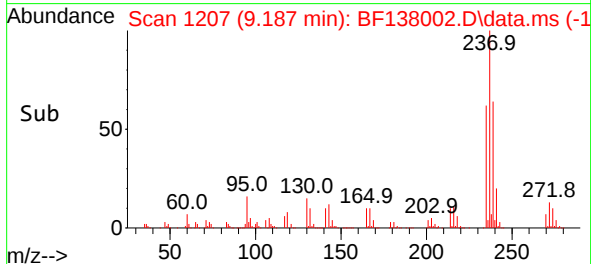


#41
Hexachlorocyclopentadiene
Concen: 120.021 ng
RT: 9.187 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

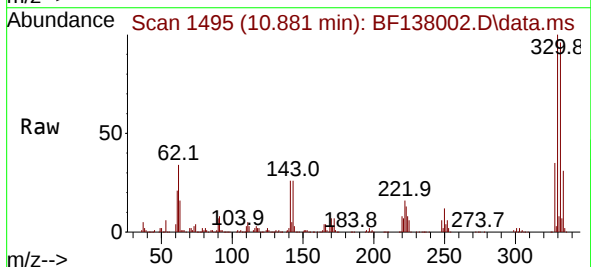
Instrument :
BNA_F
ClientSampleId :
PB161034BS



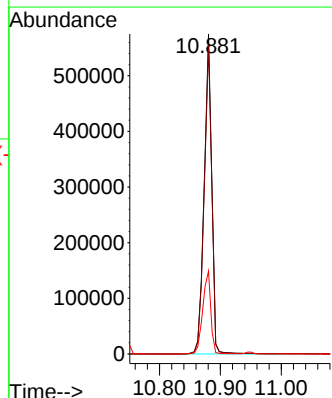
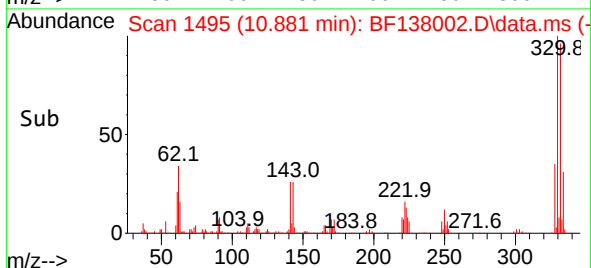
Tgt Ion:237 Resp: 447959
Ion Ratio Lower Upper
237 100
235 61.8 42.8 82.8
272 13.1 0.0 32.0

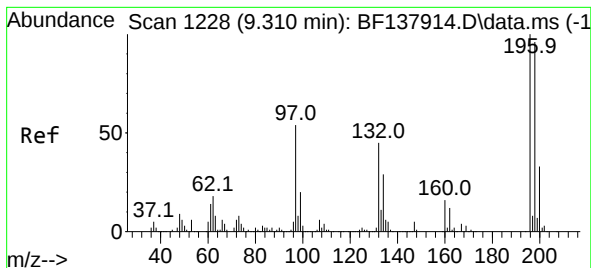


#42
2,4,6-Tribromophenol
Concen: 136.376 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13



Tgt Ion:330 Resp: 496825
Ion Ratio Lower Upper
330 100
332 96.7 75.8 113.8
141 27.5 23.8 35.6





#43

2,4,6-Trichlorophenol

Concen: 45.171 ng

RT: 9.310 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

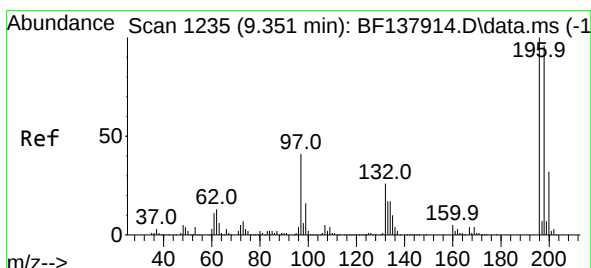
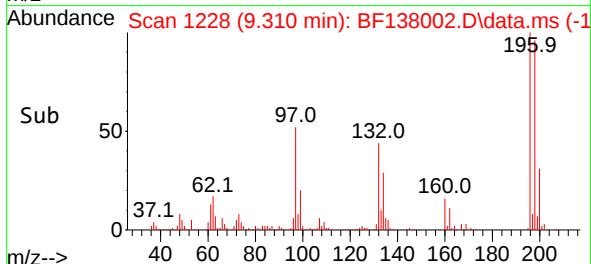
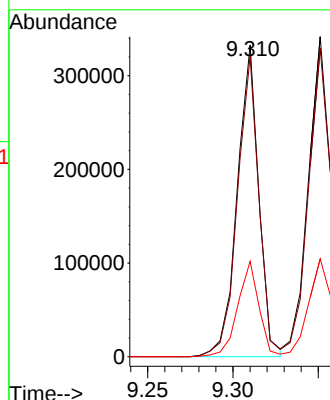
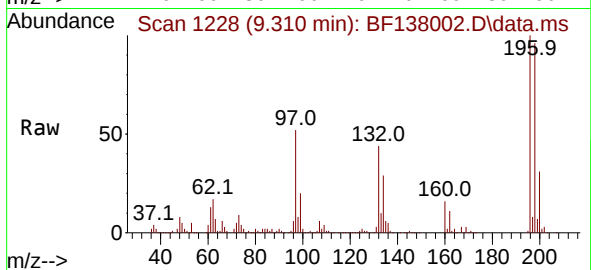
Tgt Ion:196 Resp: 290916

Ion Ratio Lower Upper

196 100

198 96.3 77.0 115.4

200 30.6 26.2 39.2



#44

2,4,5-Trichlorophenol

Concen: 44.732 ng

RT: 9.351 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Tgt Ion:196 Resp: 315221

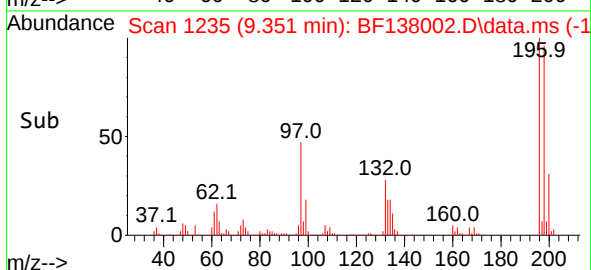
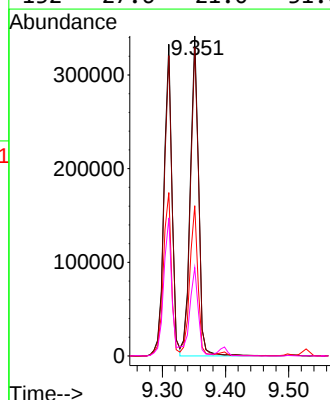
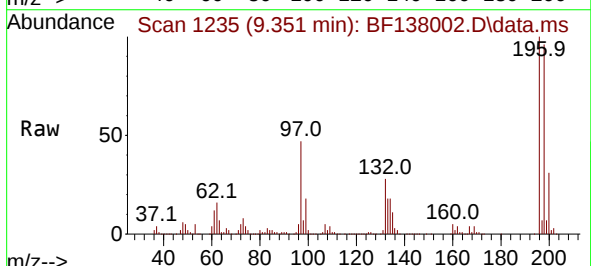
Ion Ratio Lower Upper

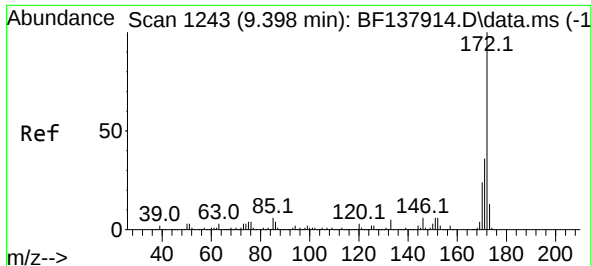
196 100

198 96.4 77.4 116.0

97 46.9 32.9 49.3

132 27.6 21.0 31.6





#45

2-Fluorobiphenyl

Concen: 78.425 ng

RT: 9.398 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

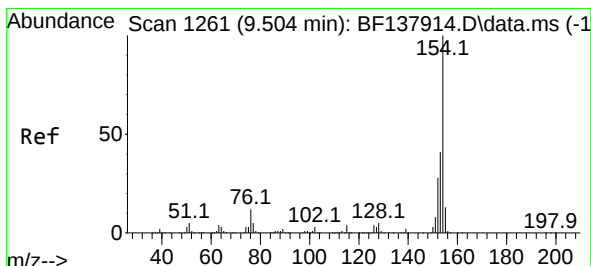
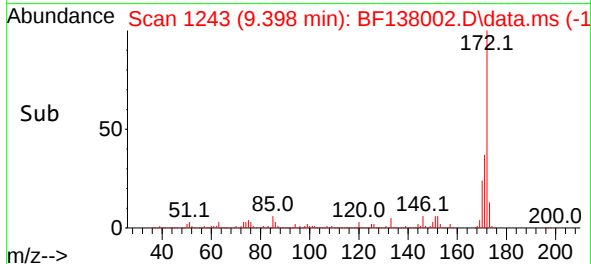
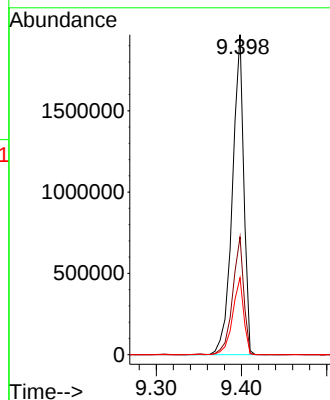
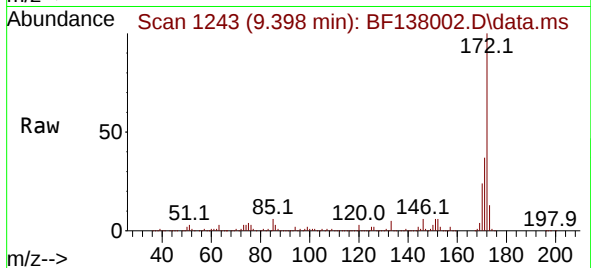
Tgt Ion:172 Resp: 1839508

Ion Ratio Lower Upper

172 100

171 36.8 28.9 43.3

170 24.0 18.9 28.3



#46

1,1'-Biphenyl

Concen: 42.693 ng

RT: 9.498 min Scan# 1260

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

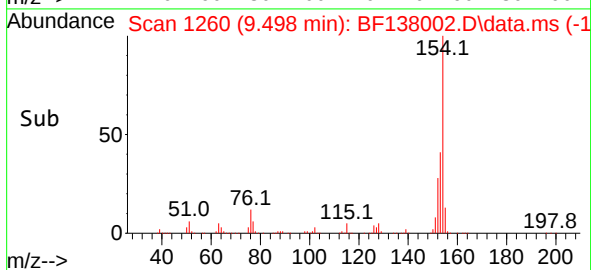
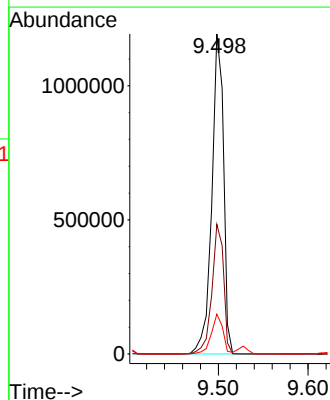
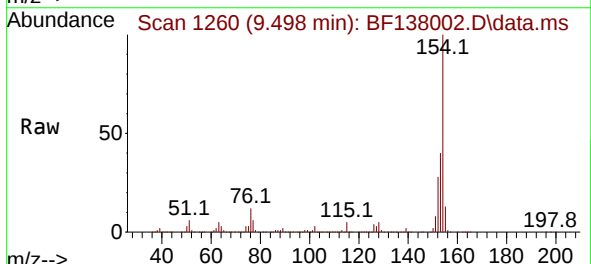
Tgt Ion:154 Resp: 1081921

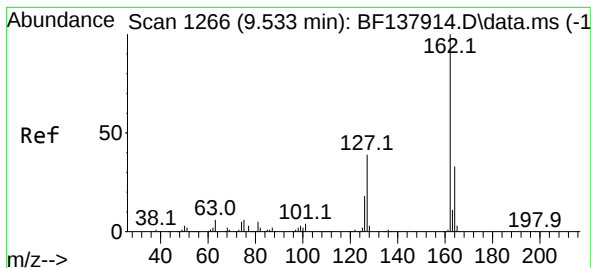
Ion Ratio Lower Upper

154 100

153 40.5 21.3 61.3

76 12.5 0.0 31.9





#47

2-Chloronaphthalene

Concen: 41.638 ng

RT: 9.528 min Scan# 1265

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

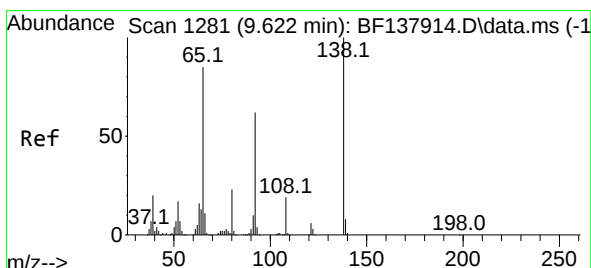
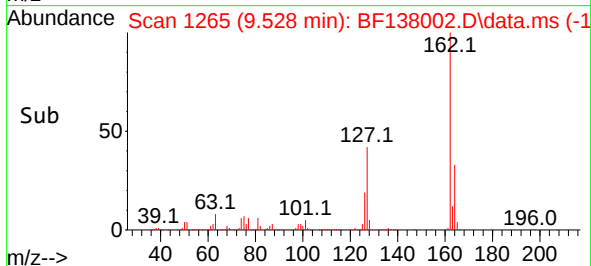
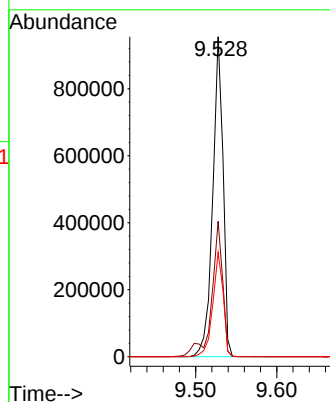
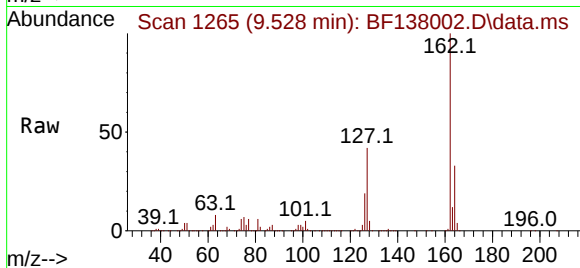
Tgt Ion:162 Resp: 842319

Ion Ratio Lower Upper

162 100

127 42.3 32.0 48.0

164 32.6 26.2 39.4



#48

2-Nitroaniline

Concen: 44.836 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

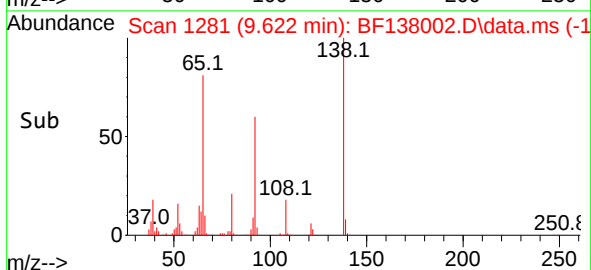
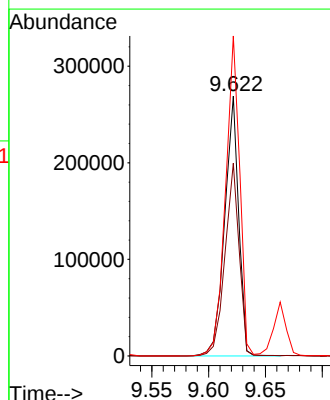
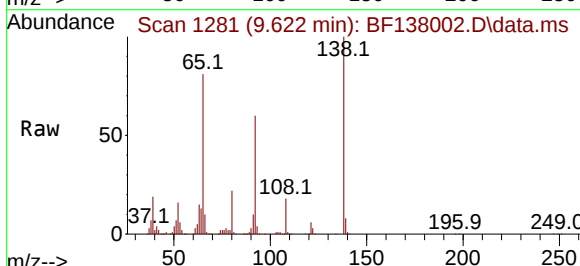
Tgt Ion: 65 Resp: 232262

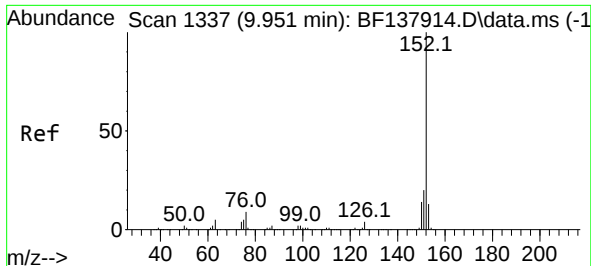
Ion Ratio Lower Upper

65 100

92 74.2 58.6 88.0

138 123.1 94.1 141.1





#49

Acenaphthylene

Concen: 46.177 ng

RT: 9.945 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

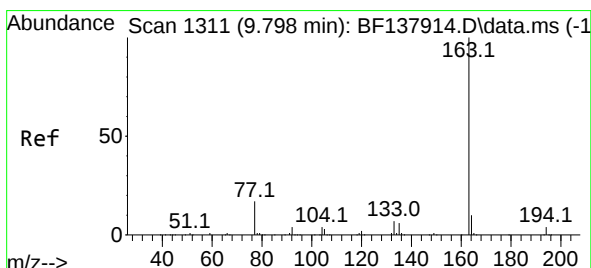
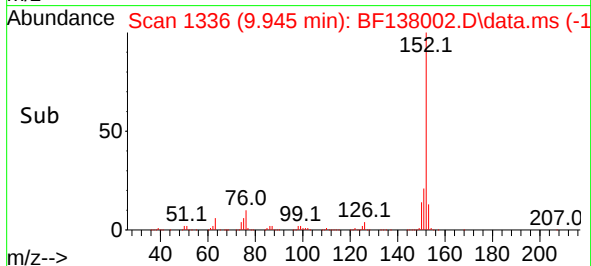
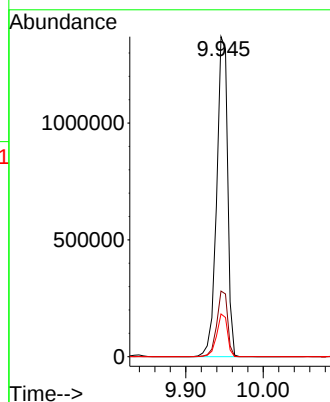
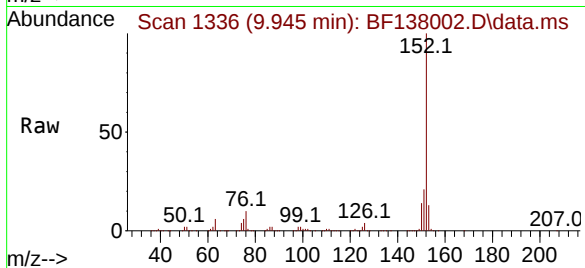
Tgt Ion:152 Resp: 1343162

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.8

153 13.4 10.2 15.4



#50

Dimethylphthalate

Concen: 45.564 ng

RT: 9.798 min Scan# 1311

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

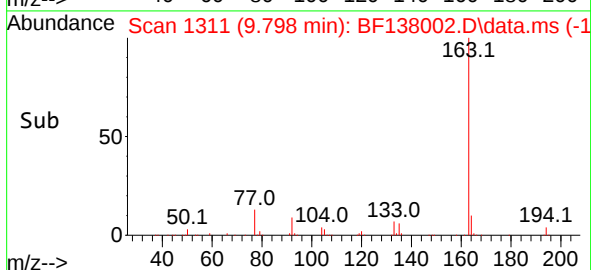
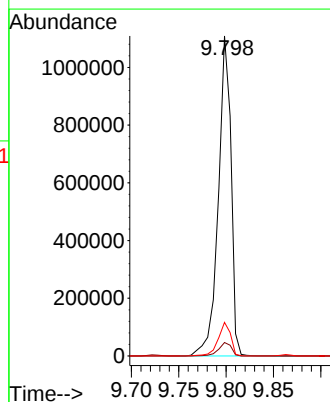
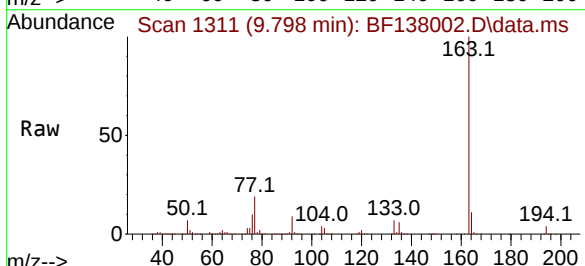
Tgt Ion:163 Resp: 1032340

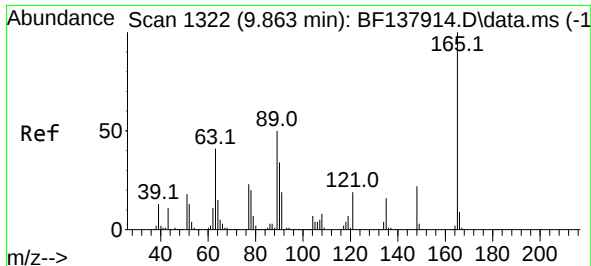
Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

164 10.5 8.0 12.0

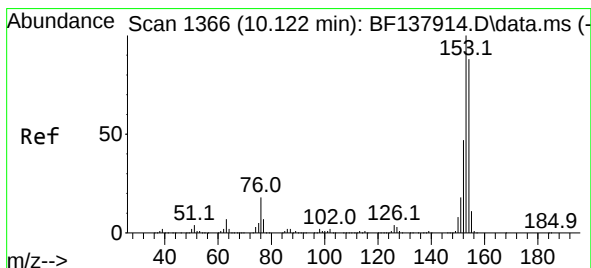
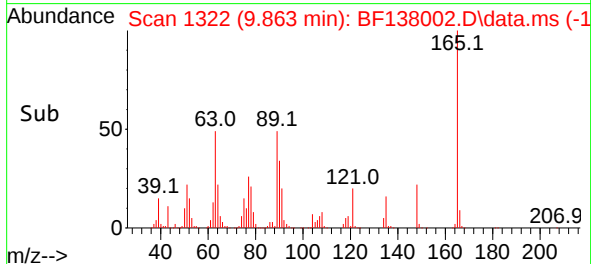
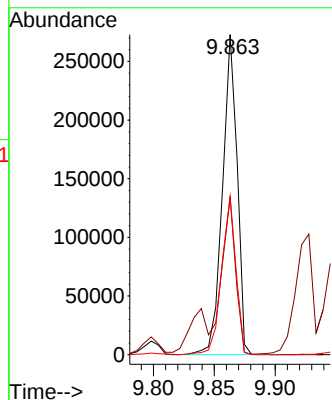
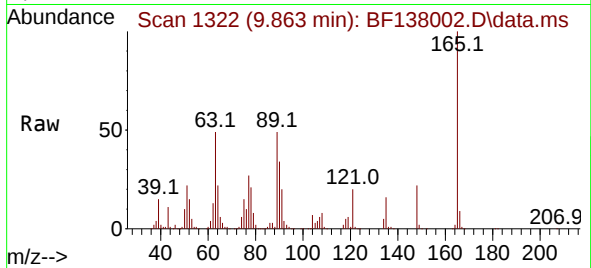




#51
2,6-Dinitrotoluene
Concen: 43.980 ng
RT: 9.863 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

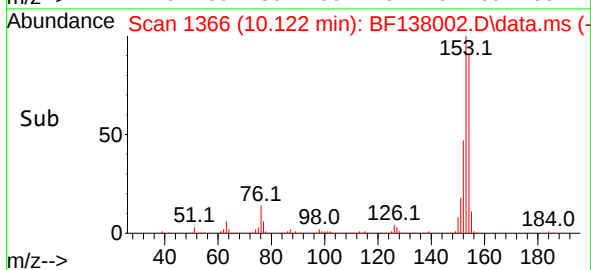
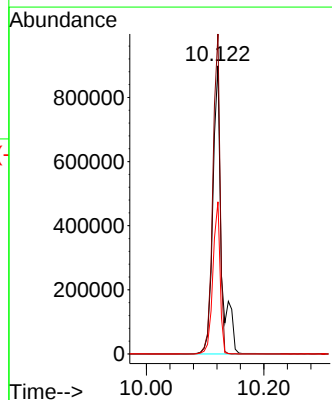
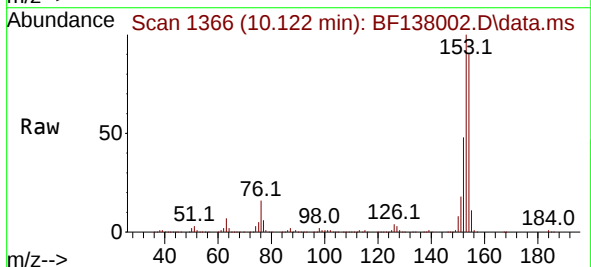
Instrument :
BNA_F
ClientSampleId :
PB161034BS

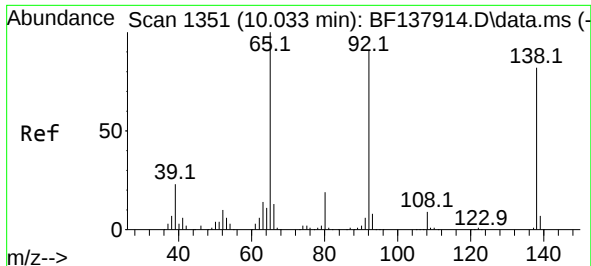
Tgt Ion:165 Resp: 228699
Ion Ratio Lower Upper
165 100
63 49.2 38.9 58.3
89 49.5 40.4 60.6



#52
Acenaphthene
Concen: 47.660 ng
RT: 10.122 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:154 Resp: 916254
Ion Ratio Lower Upper
154 100
153 111.0 90.4 135.6
152 52.8 42.3 63.5

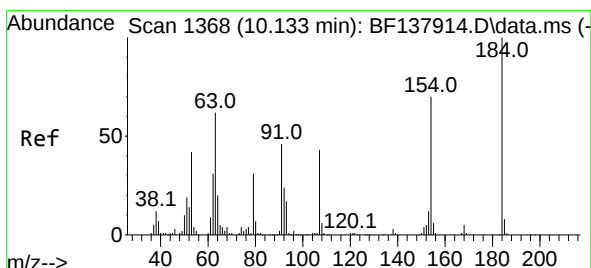
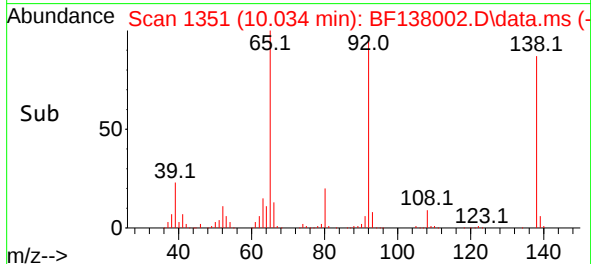
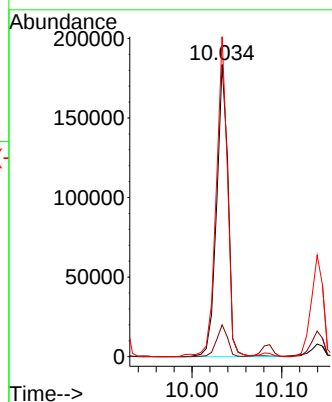
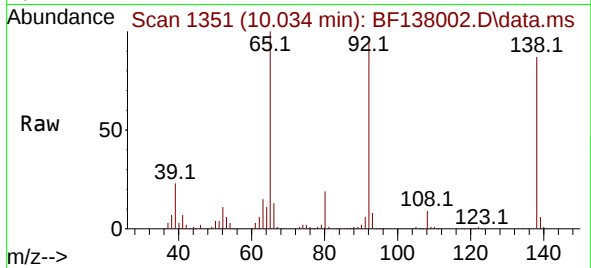




#53
3-Nitroaniline
Concen: 31.970 ng
RT: 10.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

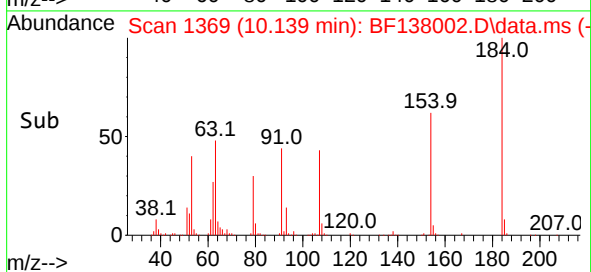
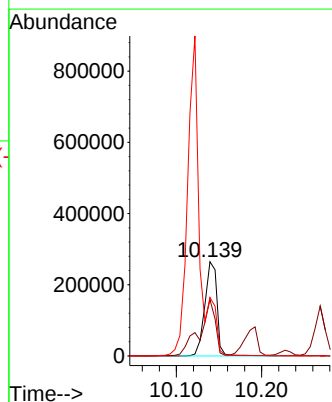
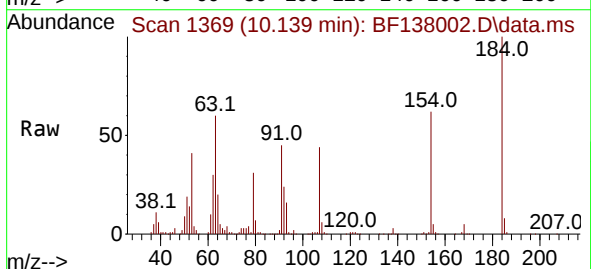
Instrument :
BNA_F
ClientSampleId :
PB161034BS

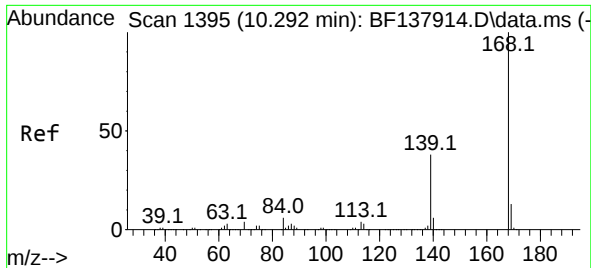
Tgt Ion:138 Resp: 162522
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 109.5 88.6 133.0



#54
2,4-Dinitrophenol
Concen: 92.829 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:184 Resp: 264222
Ion Ratio Lower Upper
184 100
63 59.7 50.4 75.6
154 62.1 63.7 95.5#

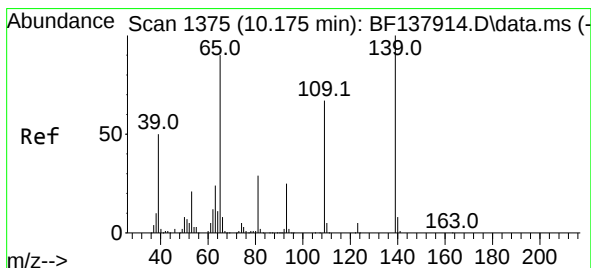
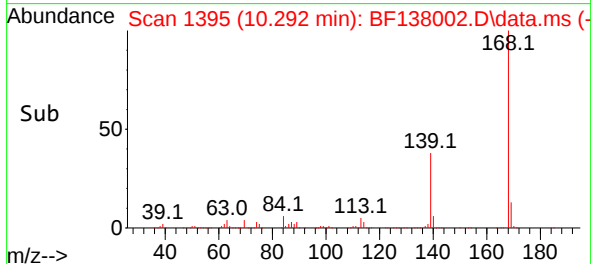
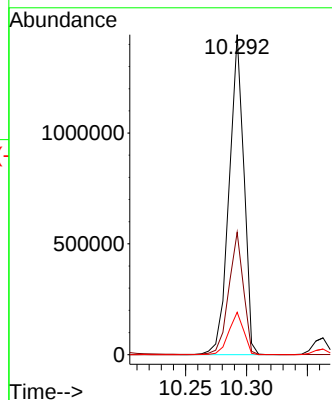
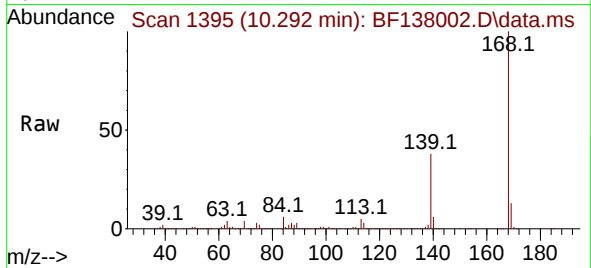




#55
Dibenzofuran
Concen: 43.404 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

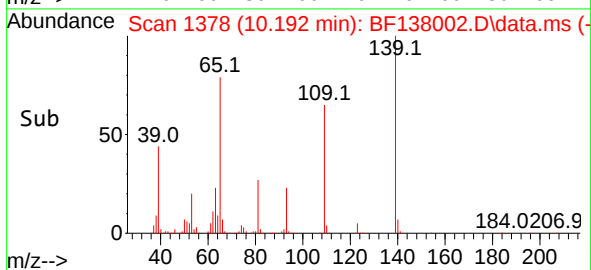
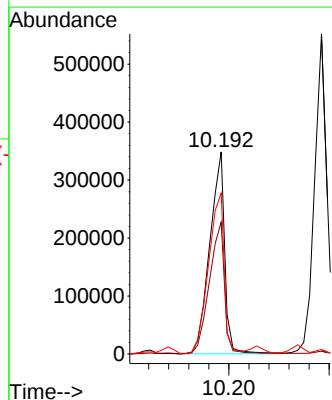
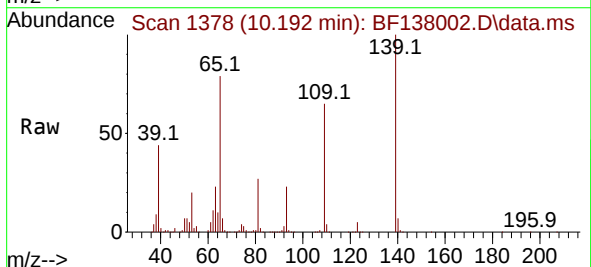
Instrument :
BNA_F
ClientSampleId :
PB161034BS

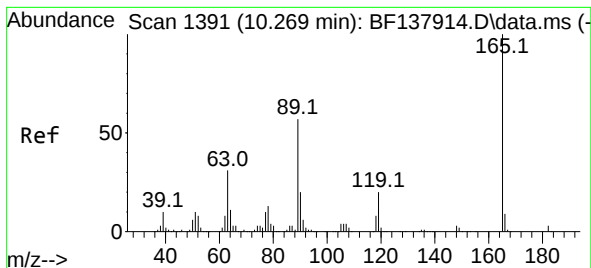
Tgt Ion:168 Resp: 1214401
Ion Ratio Lower Upper
168 100
139 38.2 30.4 45.6
169 13.3 10.5 15.7



#56
4-Nitrophenol
Concen: 98.913 ng
RT: 10.192 min Scan# 1378
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:139 Resp: 361153
Ion Ratio Lower Upper
139 100
109 65.3 46.5 86.5
65 79.5 70.4 110.4

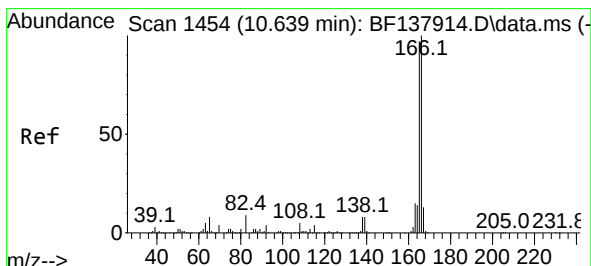
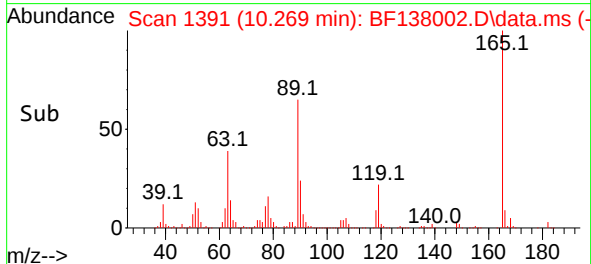
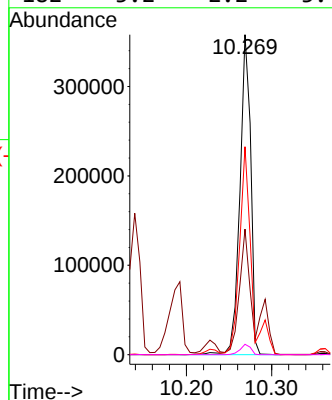
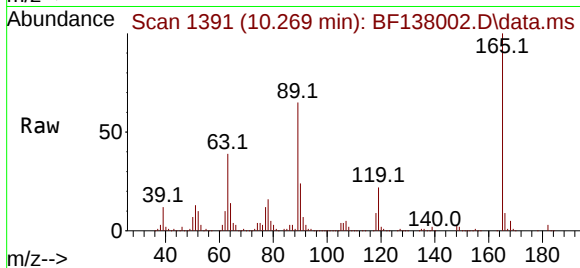




#57
2,4-Dinitrotoluene
Concen: 46.826 ng
RT: 10.269 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

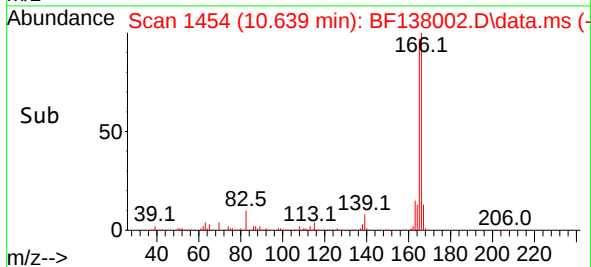
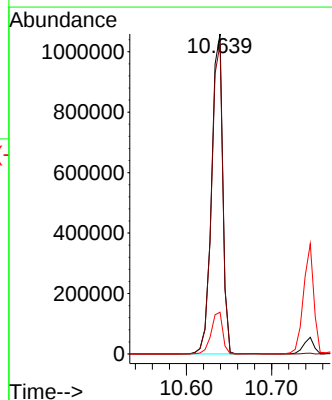
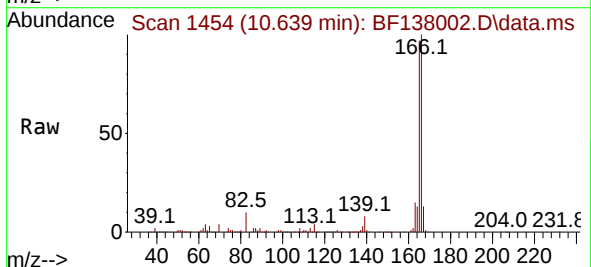
Instrument :
BNA_F
ClientSampleId :
PB161034BS

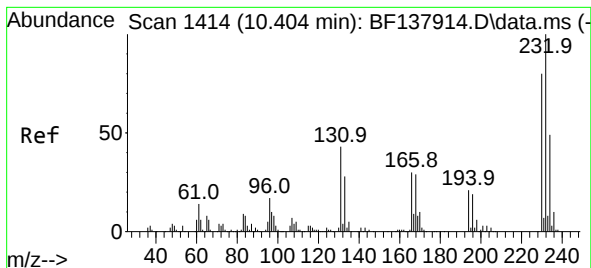
Tgt Ion:165 Resp: 314787
Ion Ratio Lower Upper
165 100
63 39.3 25.3 37.9#
89 65.0 45.9 68.9
182 3.2 2.2 3.4



#58
Fluorene
Concen: 43.490 ng
RT: 10.639 min Scan# 1454
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:166 Resp: 962450
Ion Ratio Lower Upper
166 100
165 96.8 77.8 116.8
167 13.1 10.4 15.6

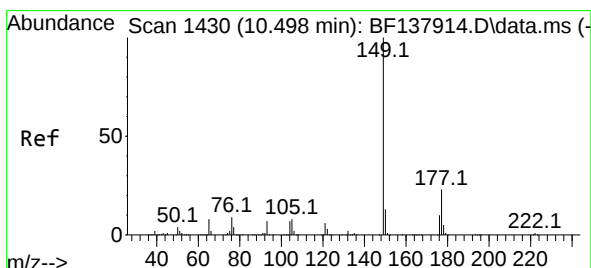
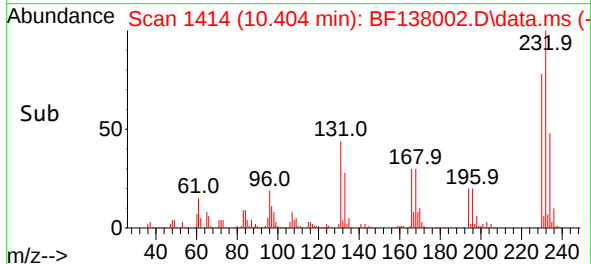
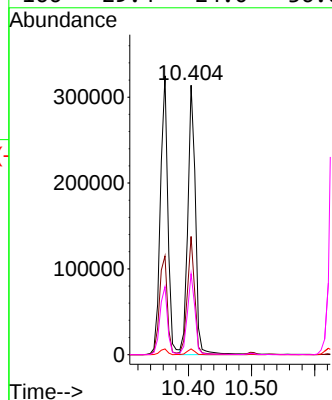
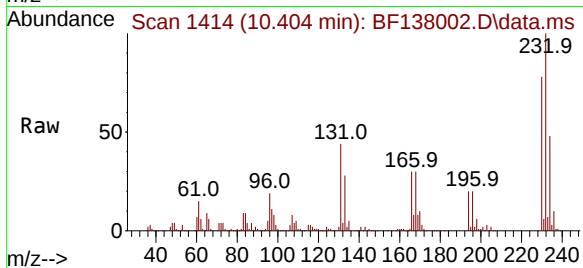




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.939 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

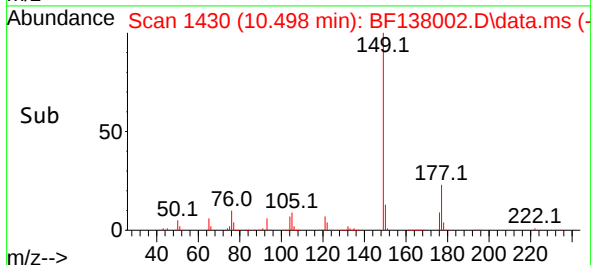
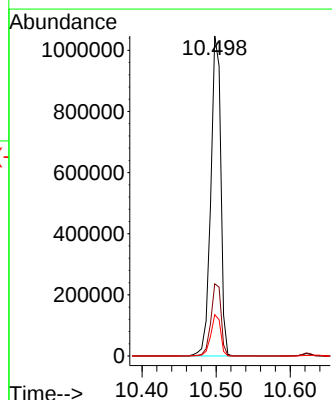
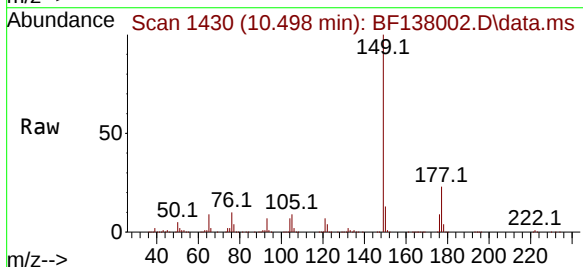
Instrument :
BNA_F
ClientSampleId :
PB161034BS

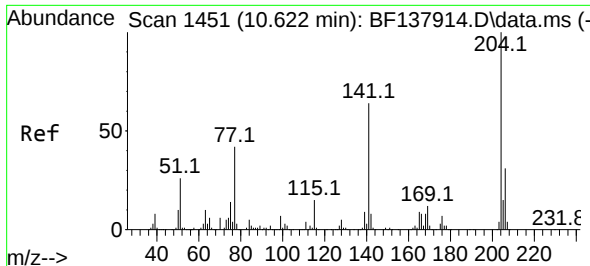
Tgt Ion:232 Resp: 265386
Ion Ratio Lower Upper
232 100
131 41.9 34.4 51.6
130 2.1 1.7 2.5
166 29.4 24.0 36.0



#60
Diethylphthalate
Concen: 46.397 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:149 Resp: 981773
Ion Ratio Lower Upper
149 100
177 22.6 18.4 27.6
150 12.9 10.1 15.1

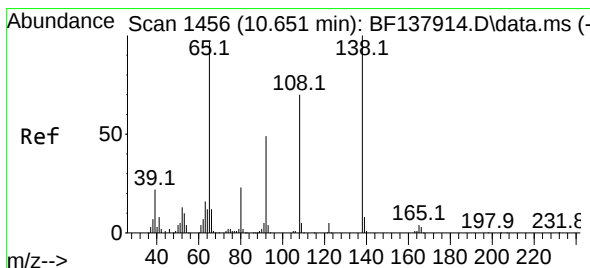
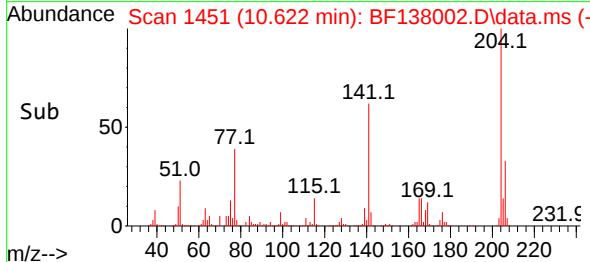
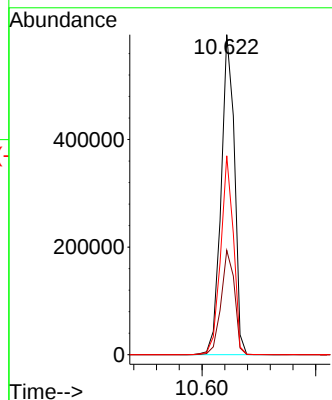
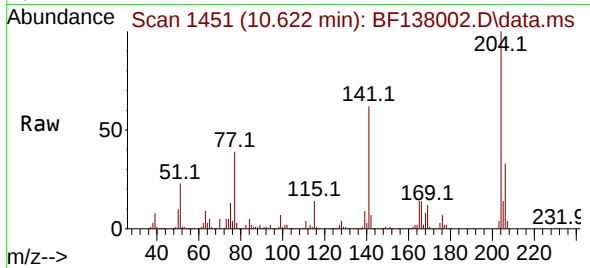




#61
4-Chlorophenyl-phenylether
Concen: 44.537 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

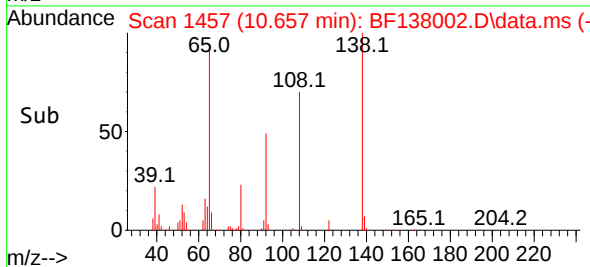
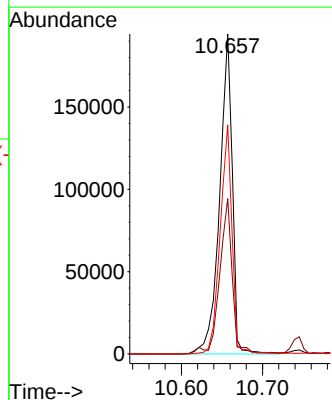
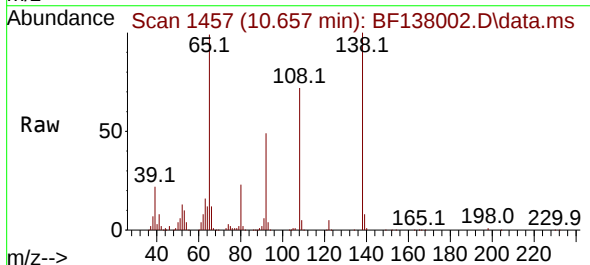
Instrument :
BNA_F
ClientSampleId :
PB161034BS

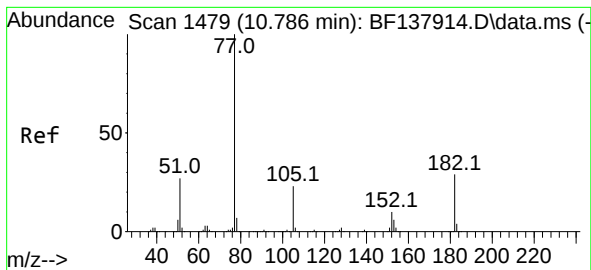
Tgt Ion:204 Resp: 486057
Ion Ratio Lower Upper
204 100
206 32.6 25.1 37.7
141 62.2 51.0 76.6



#62
4-Nitroaniline
Concen: 43.909 ng
RT: 10.657 min Scan# 1457
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:138 Resp: 211713
Ion Ratio Lower Upper
138 100
92 48.6 29.0 69.0
108 71.6 49.7 89.7





#63

Azobenzene

Concen: 45.520 ng

RT: 10.786 min Scan# 1479

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

Tgt Ion: 77 Resp: 876122

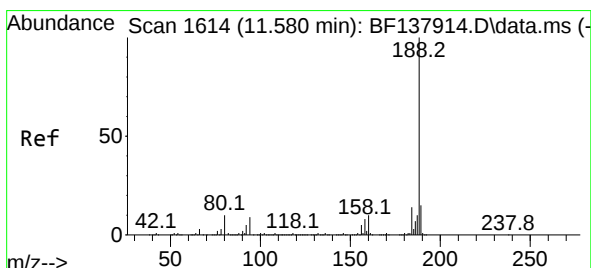
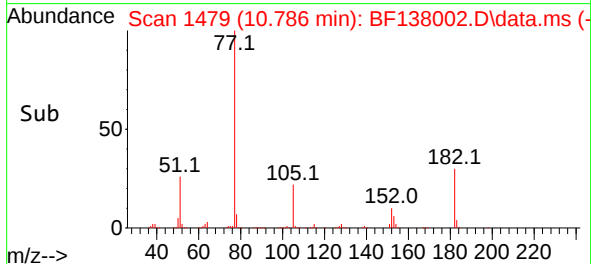
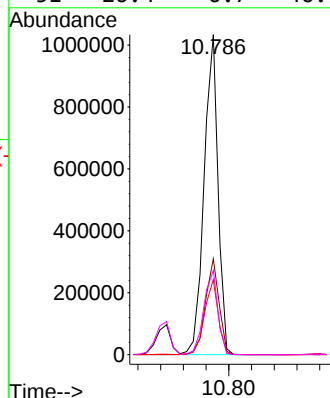
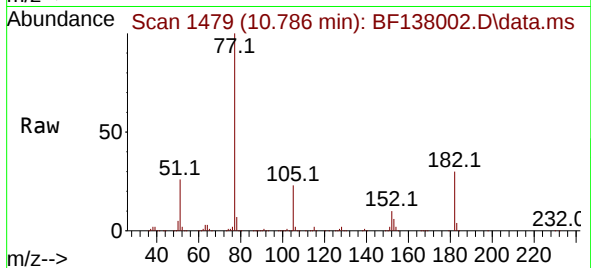
Ion Ratio Lower Upper

77 100

182 29.9 9.2 49.2

105 23.4 3.1 43.1

51 26.4 6.7 46.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.580 min Scan# 1614

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

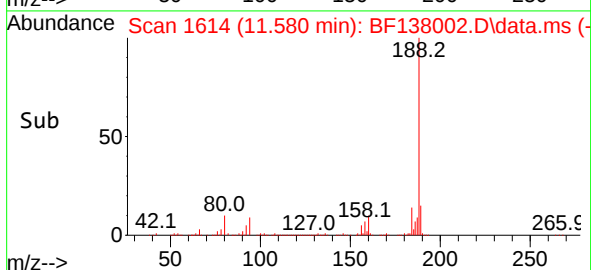
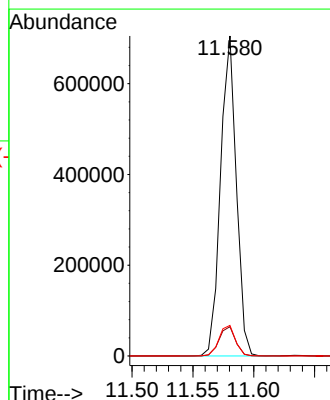
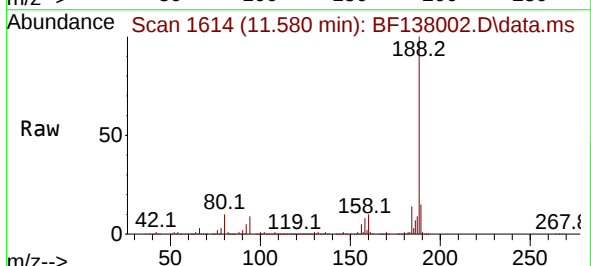
Tgt Ion: 188 Resp: 636618

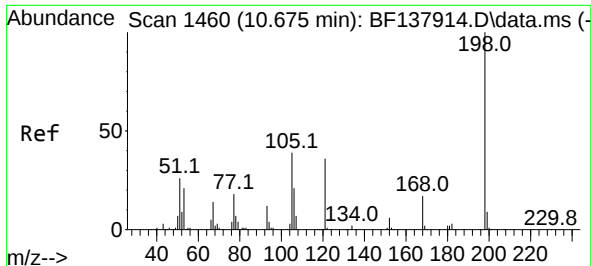
Ion Ratio Lower Upper

188 100

94 9.2 7.0 10.4

80 9.6 7.7 11.5

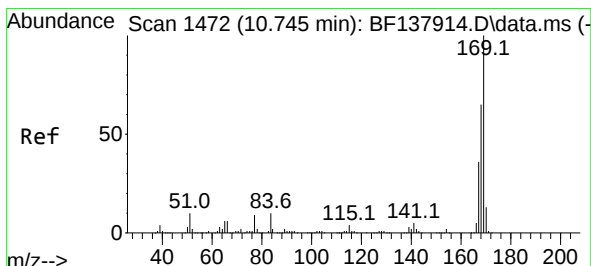
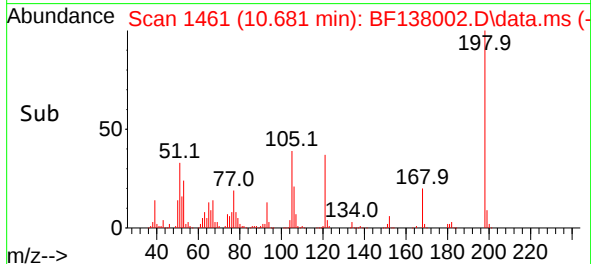
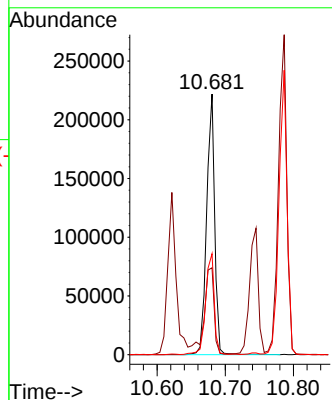
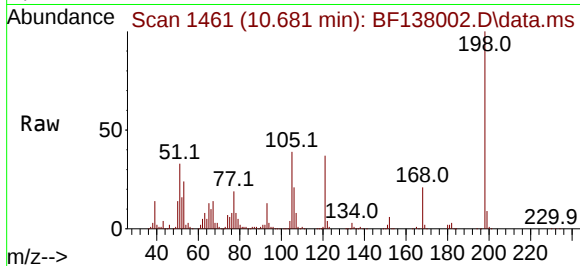




#65
4,6-Dinitro-2-methylphenol
Concen: 49.548 ng
RT: 10.681 min Scan# 1461
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

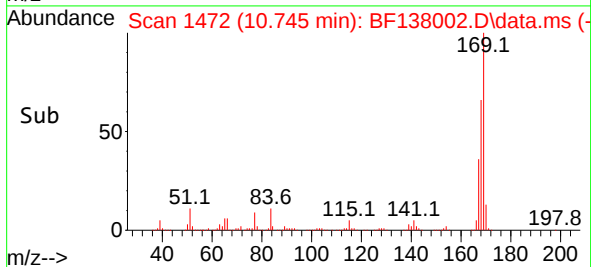
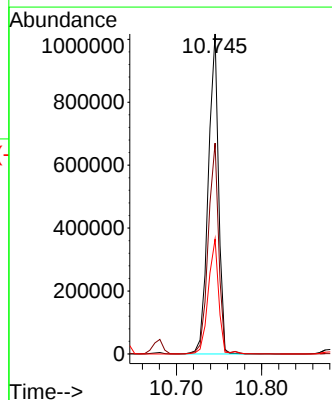
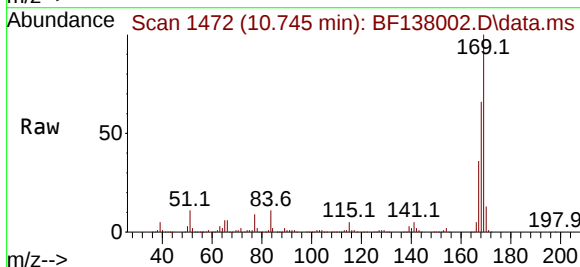
Instrument :
BNA_F
ClientSampleId :
PB161034BS

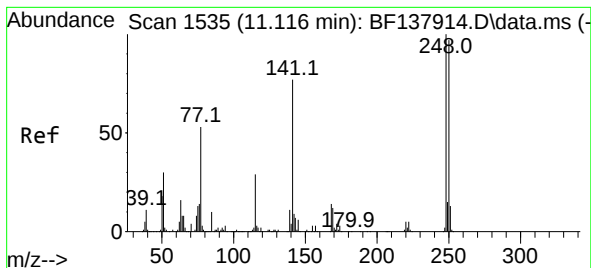
Tgt Ion:198 Resp: 182131
Ion Ratio Lower Upper
198 100
51 33.4 13.8 53.8
105 38.7 19.0 59.0



#66
n-Nitrosodiphenylamine
Concen: 43.555 ng
RT: 10.745 min Scan# 1472
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:169 Resp: 850336
Ion Ratio Lower Upper
169 100
168 65.9 52.4 78.6
167 35.9 28.9 43.3

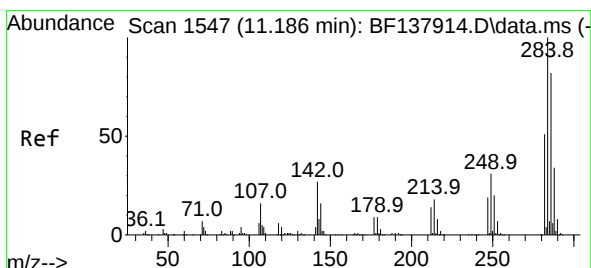
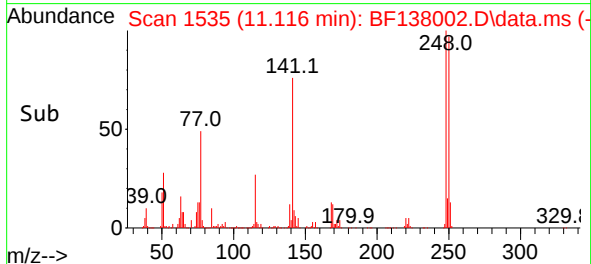
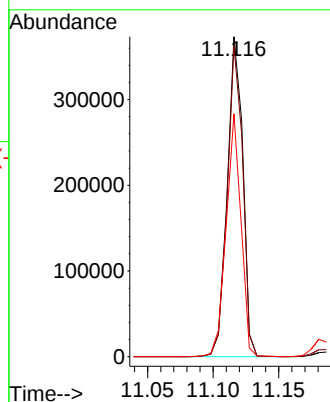
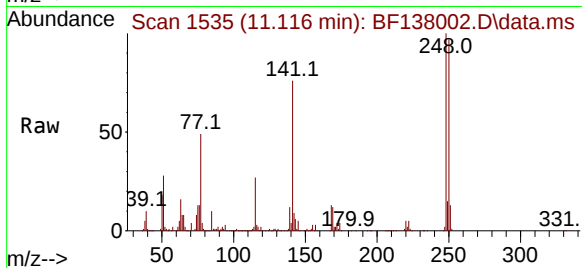




#67
4-Bromophenyl-phenylether
Concen: 44.203 ng
RT: 11.116 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

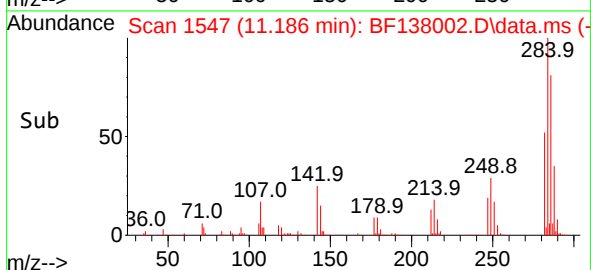
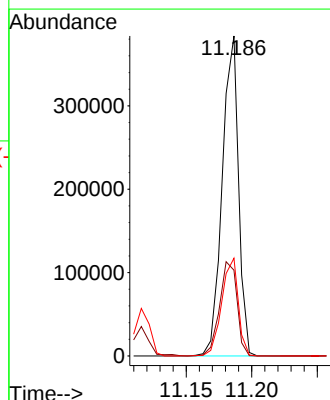
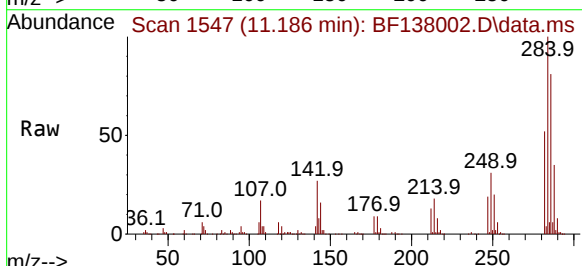
Instrument :
BNA_F
ClientSampleId :
PB161034BS

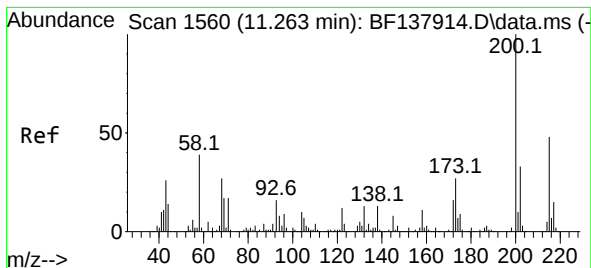
Tgt Ion:248 Resp: 308499
Ion Ratio Lower Upper
248 100
250 97.1 77.6 116.4
141 75.9 61.4 92.2



#68
Hexachlorobenzene
Concen: 42.841 ng
RT: 11.186 min Scan# 1547
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:284 Resp: 330502
Ion Ratio Lower Upper
284 100
142 26.8 21.3 31.9
249 30.6 24.6 37.0





#69

Atrazine

Concen: 54.654 ng

RT: 11.269 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

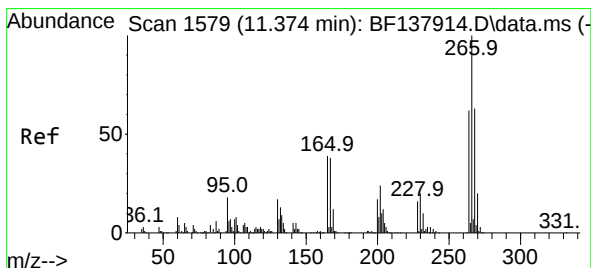
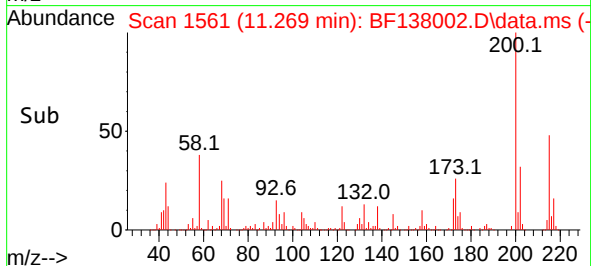
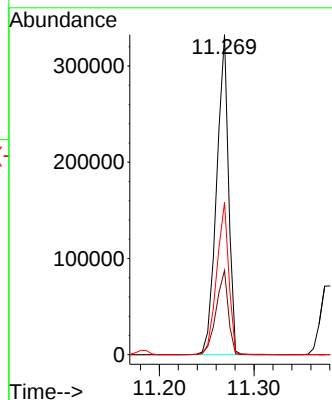
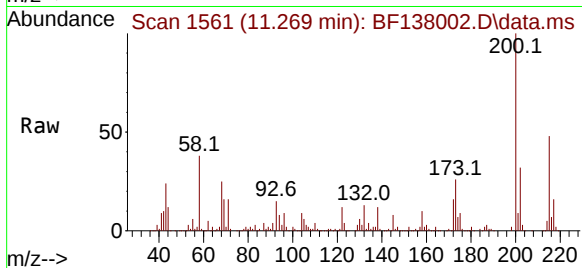
Tgt Ion:200 Resp: 291367

Ion Ratio Lower Upper

200 100

173 26.3 6.6 46.6

215 47.6 27.5 67.5



#70

Pentachlorophenol

Concen: 89.744 ng

RT: 11.380 min Scan# 1580

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

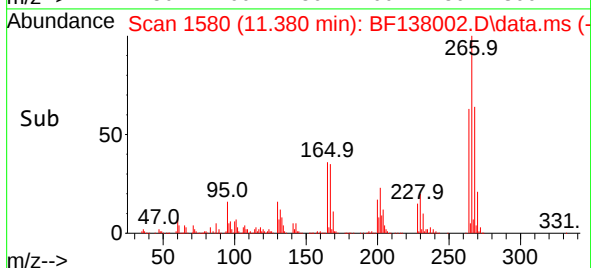
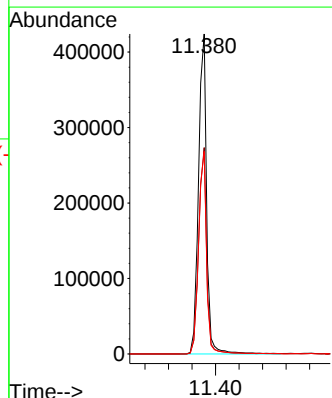
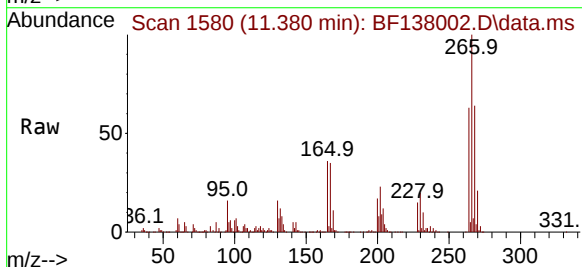
Tgt Ion:266 Resp: 405551

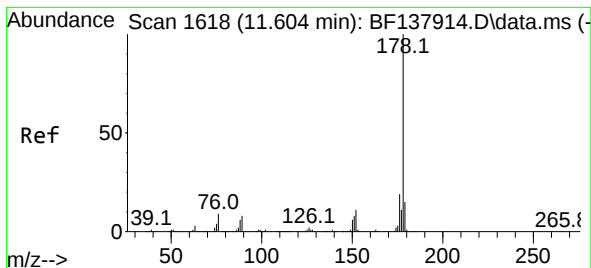
Ion Ratio Lower Upper

266 100

268 64.5 50.1 75.1

264 63.3 49.4 74.2





#71

Phenanthrene

Concen: 43.545 ng

RT: 11.610 min Scan# 1619

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

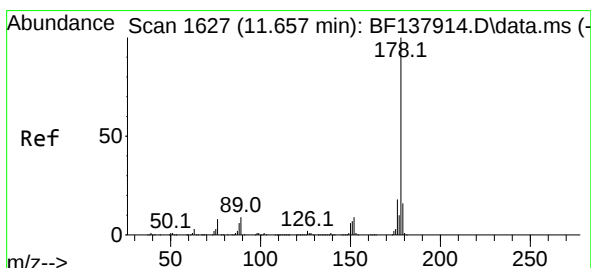
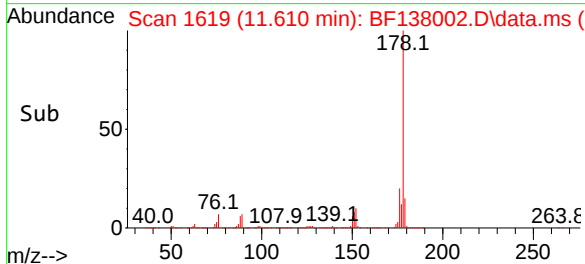
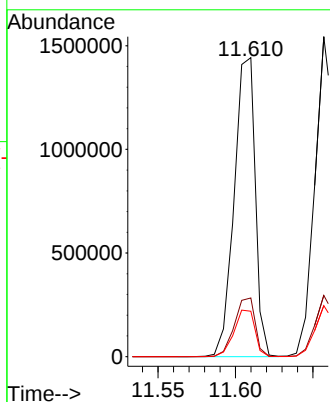
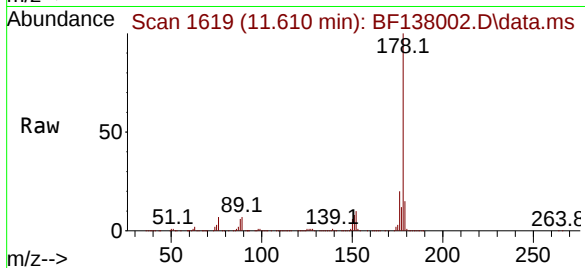
Tgt Ion:178 Resp: 1366090

Ion Ratio Lower Upper

178 100

176 19.6 15.2 22.8

179 15.2 12.2 18.4



#72

Anthracene

Concen: 44.045 ng

RT: 11.657 min Scan# 1627

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

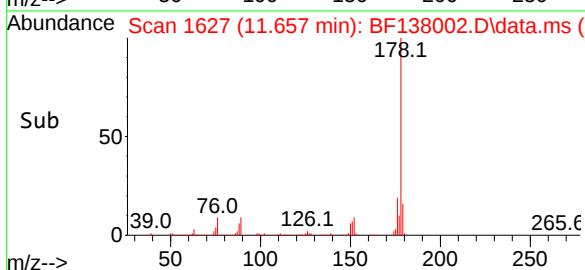
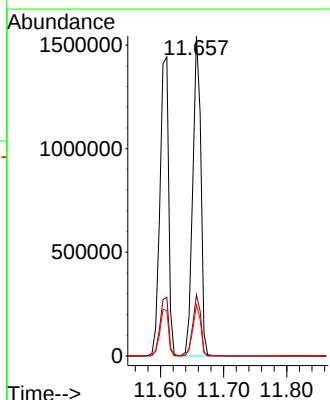
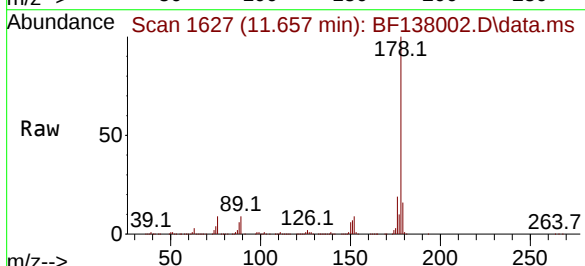
Tgt Ion:178 Resp: 1370981

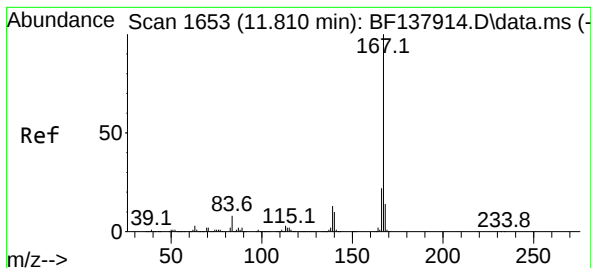
Ion Ratio Lower Upper

178 100

176 19.1 14.7 22.1

179 16.0 12.4 18.6





#73

Carbazole

Concen: 43.265 ng

RT: 11.810 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

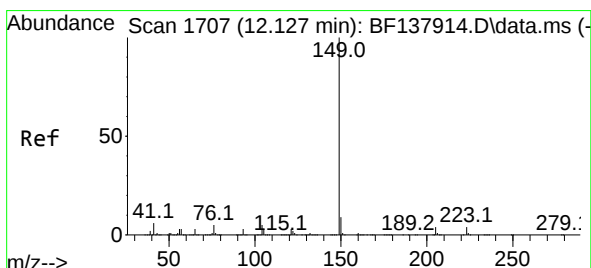
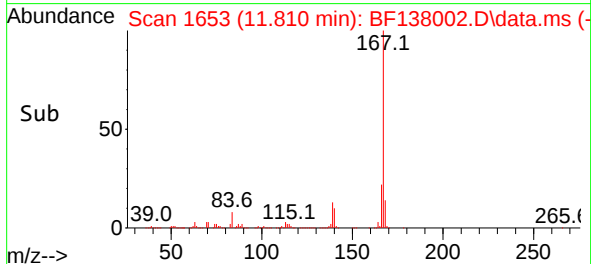
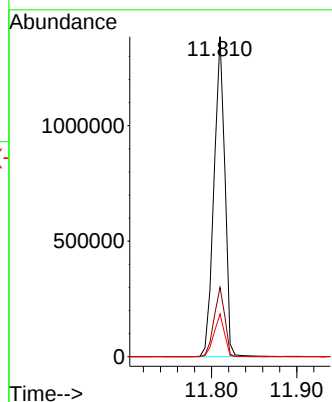
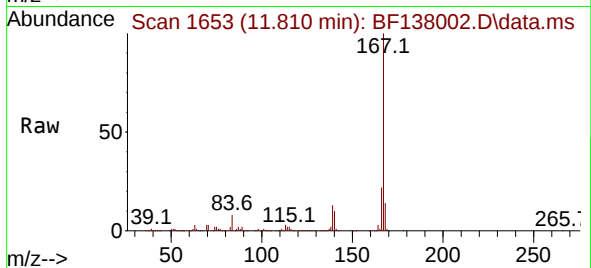
BNA_F

ClientSampleId :

PB161034BS

Tgt Ion:167 Resp: 1230204

Ion	Ratio	Lower	Upper
167	100		
166	21.7	17.3	25.9
139	13.4	10.3	15.5



#74

Di-n-butylphthalate

Concen: 48.180 ng

RT: 12.128 min Scan# 1707

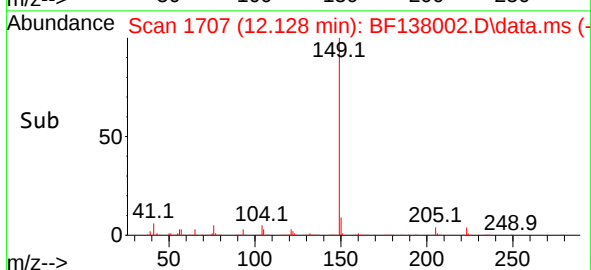
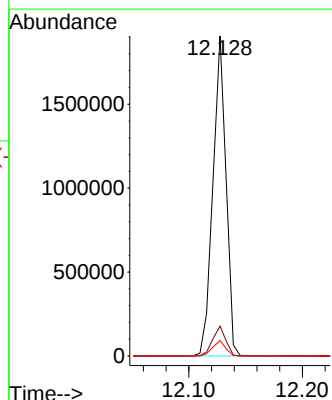
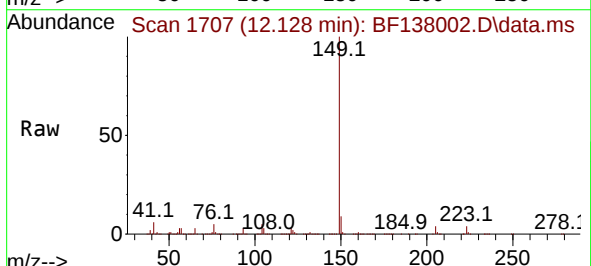
Delta R.T. 0.000 min

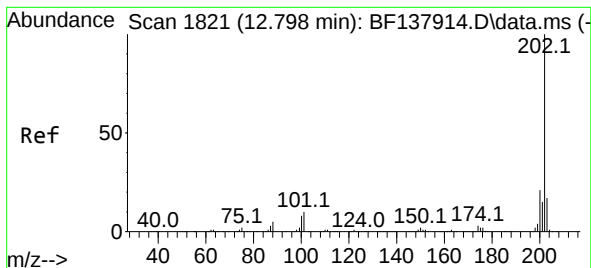
Lab File: BF138002.D

Acq: 22 May 2024 13:13

Tgt Ion:149 Resp: 1520356

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.4	11.2
104	4.8	3.6	5.4





#75

Fluoranthene

Concen: 43.895 ng

RT: 12.798 min Scan# 1821

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

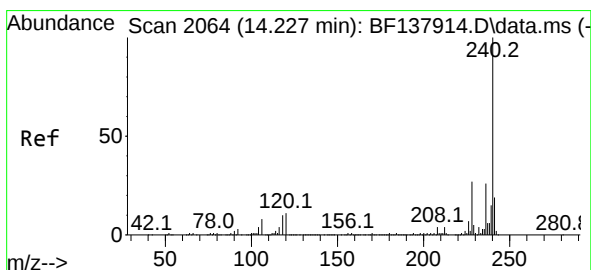
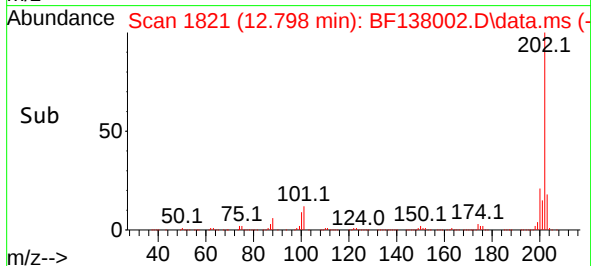
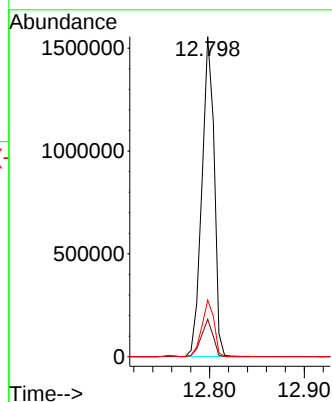
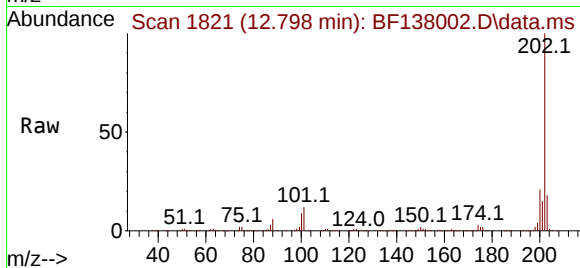
Tgt Ion:202 Resp: 1397760

Ion Ratio Lower Upper

202 100

101 11.7 0.0 30.5

203 17.7 0.0 37.3



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.233 min Scan# 2065

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

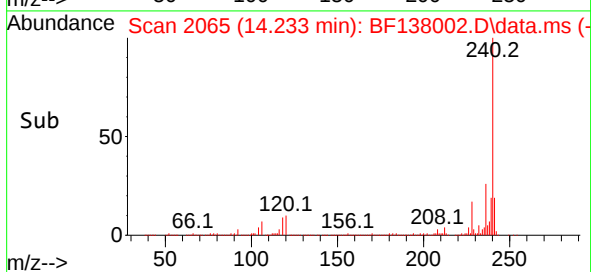
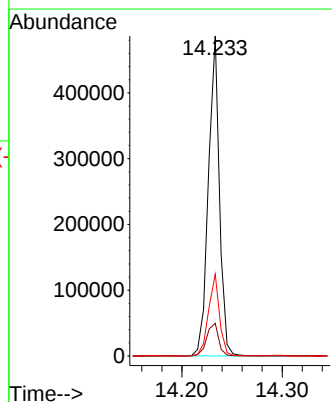
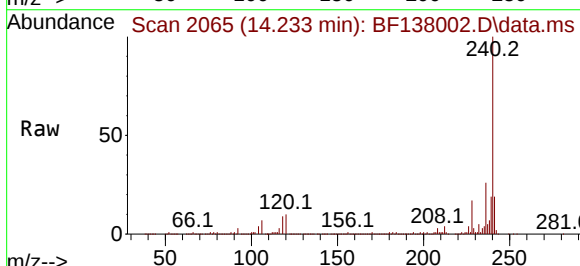
Tgt Ion:240 Resp: 372232

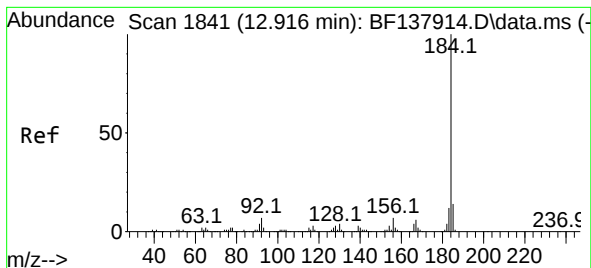
Ion Ratio Lower Upper

240 100

120 10.2 8.9 13.3

236 25.5 21.0 31.4





#77

Benzidine

Concen: 21.586 ng

RT: 12.916 min Scan# 1841

Delta R.T. -0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

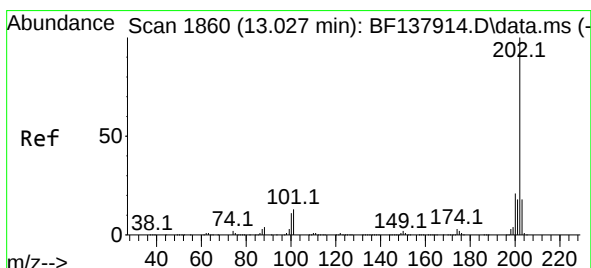
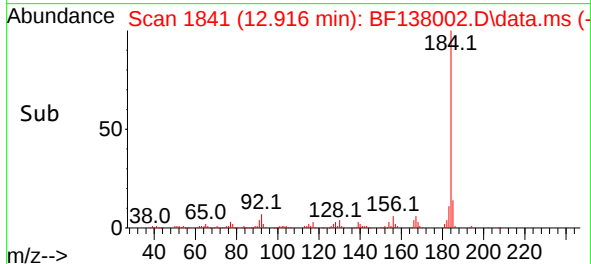
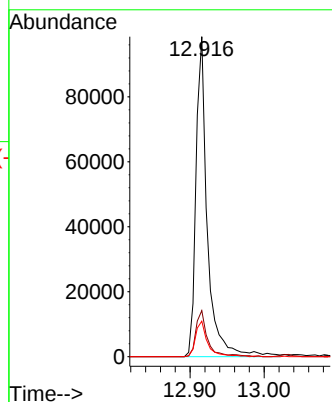
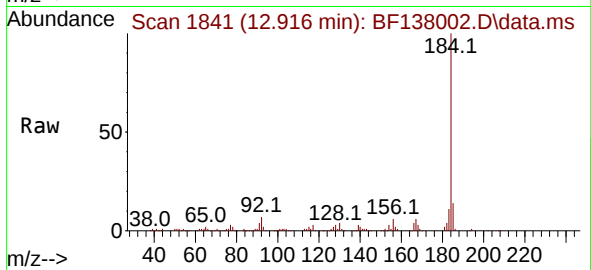
Tgt Ion:184 Resp: 105010

Ion Ratio Lower Upper

184 100

185 14.4 11.4 17.2

183 11.1 9.5 14.3



#78

Pyrene

Concen: 43.022 ng

RT: 13.033 min Scan# 1861

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

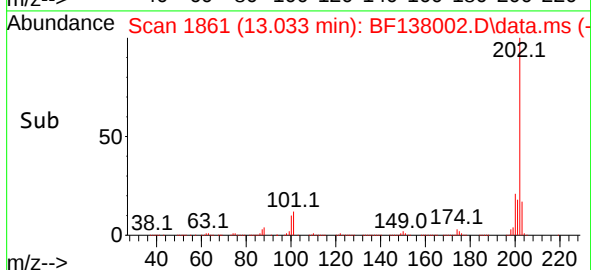
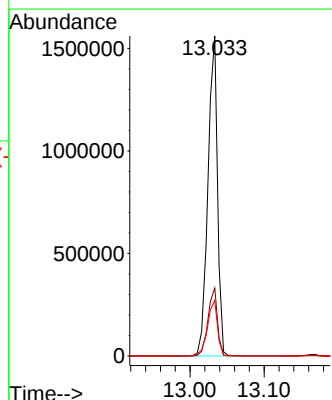
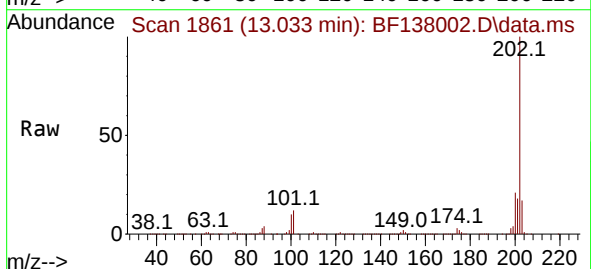
Tgt Ion:202 Resp: 1400676

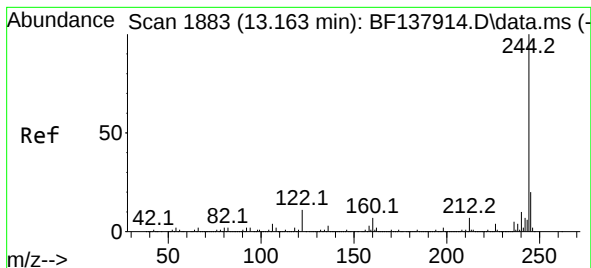
Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.3 14.1 21.1





#79

Terphenyl-d14

Concen: 83.929 ng

RT: 13.169 min Scan# 1883

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

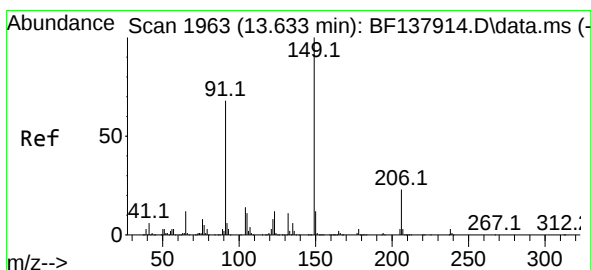
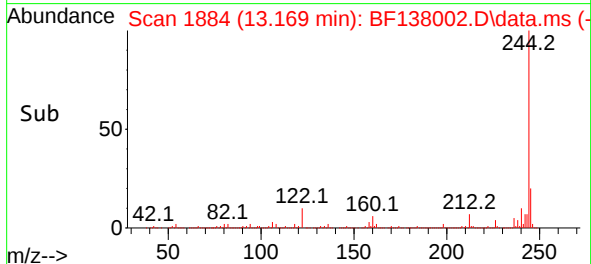
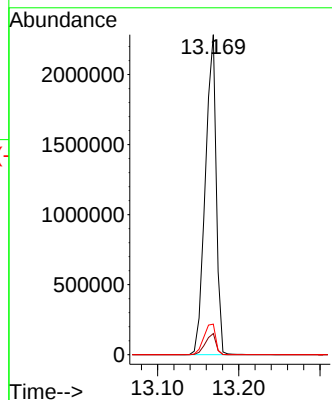
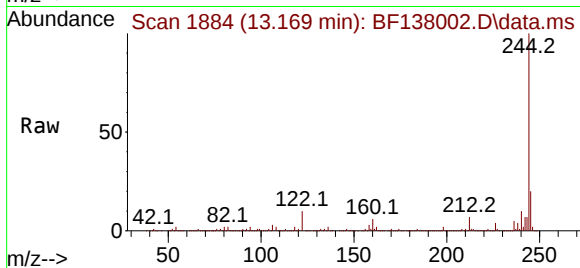
Tgt Ion:244 Resp: 2119759

Ion Ratio Lower Upper

244 100

212 6.6 5.6 8.4

122 9.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 54.024 ng

RT: 13.633 min Scan# 1963

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

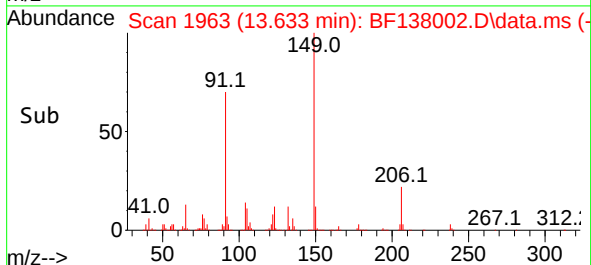
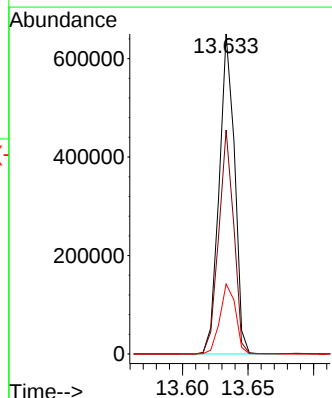
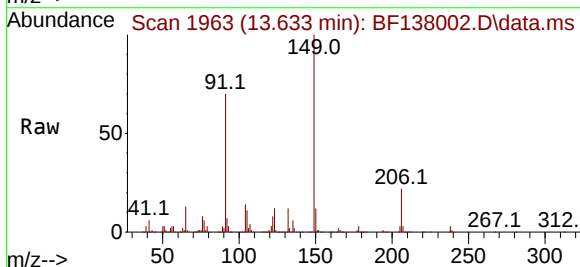
Tgt Ion:149 Resp: 530518

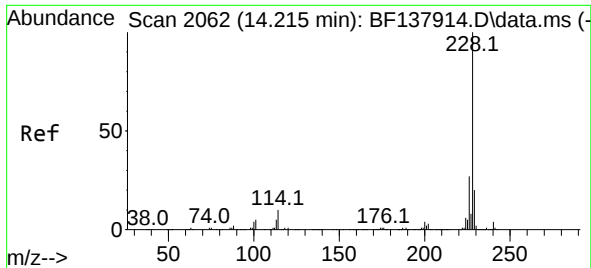
Ion Ratio Lower Upper

149 100

91 70.0 54.2 81.4

206 21.9 18.1 27.1

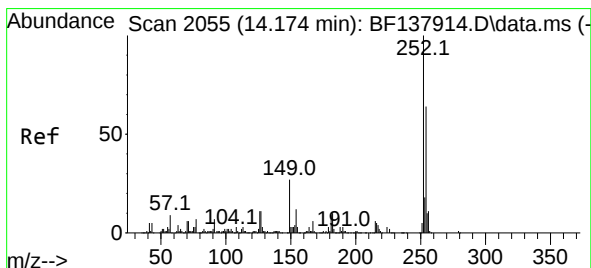
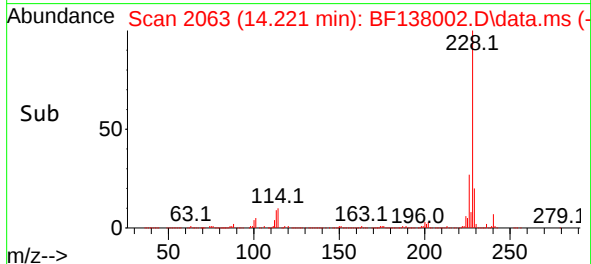
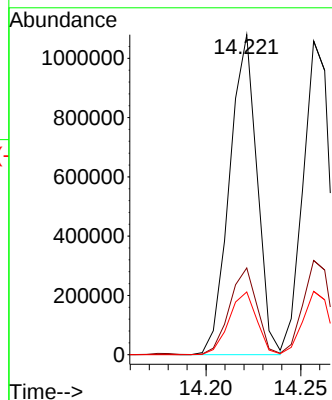
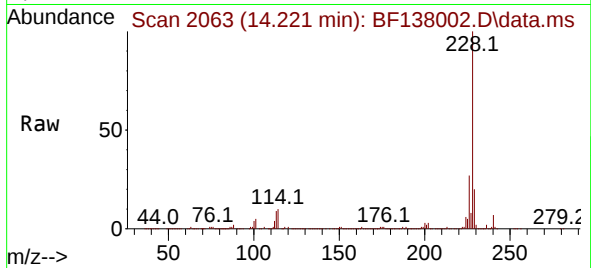




#81
Benzo(a)anthracene
Concen: 46.219 ng
RT: 14.221 min Scan# 2063
Delta R.T. 0.006 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

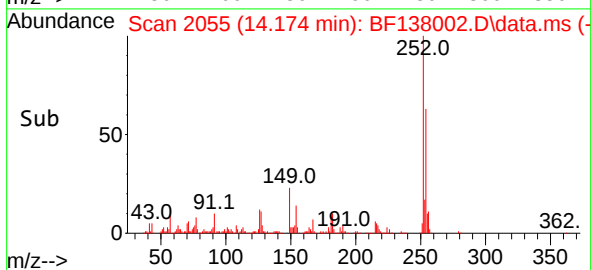
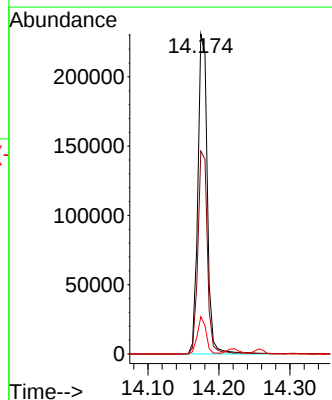
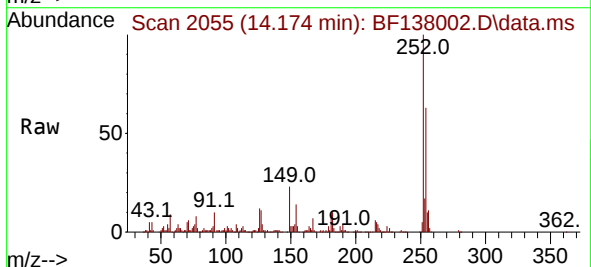
Instrument :
BNA_F
ClientSampleId :
PB161034BS

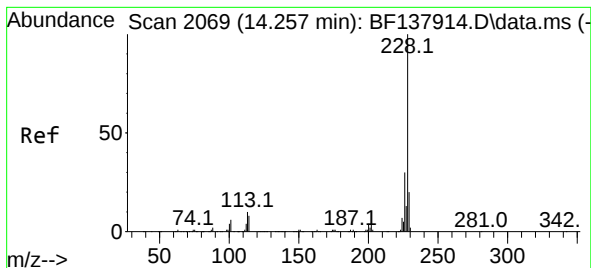
Tgt Ion:228 Resp: 1088444
Ion Ratio Lower Upper
228 100
226 27.1 21.3 31.9
229 19.6 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 32.892 ng
RT: 14.174 min Scan# 2055
Delta R.T. 0.000 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:252 Resp: 214663
Ion Ratio Lower Upper
252 100
254 63.3 51.2 76.8
126 11.7 8.7 13.1





#83

Chrysene

Concen: 44.864 ng

RT: 14.257 min Scan# 2069

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

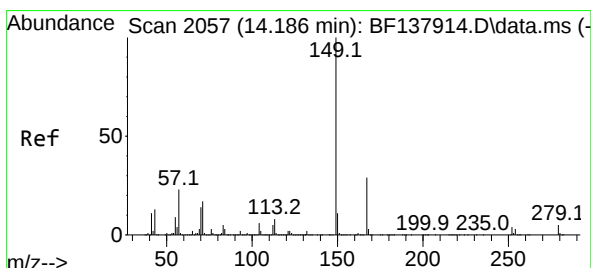
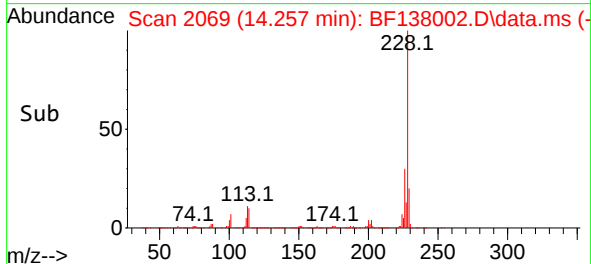
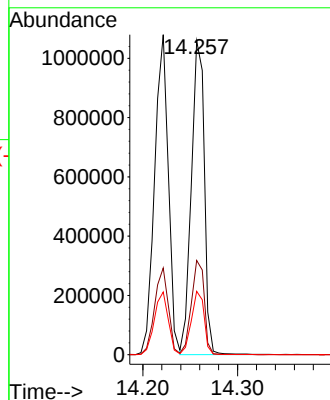
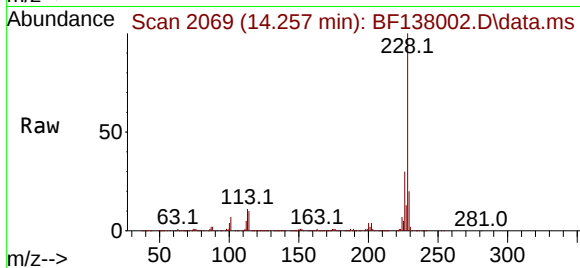
Tgt Ion:228 Resp: 1010438

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 20.2 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.367 ng

RT: 14.186 min Scan# 2057

Delta R.T. 0.000 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

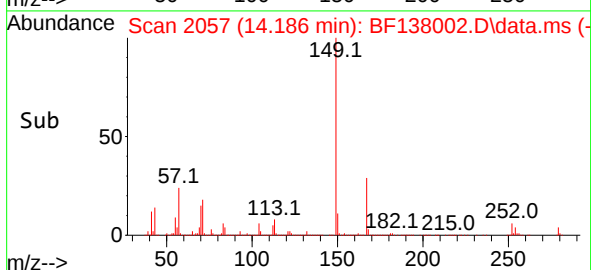
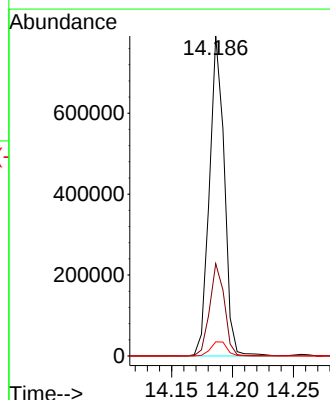
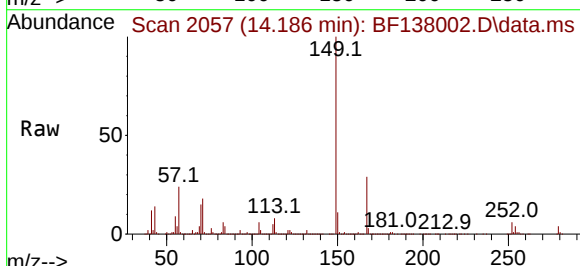
Tgt Ion:149 Resp: 671126

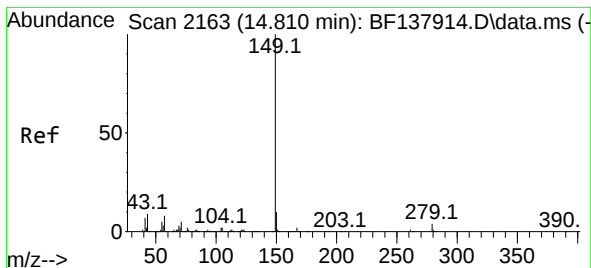
Ion Ratio Lower Upper

149 100

167 28.8 23.2 34.8

279 4.4 4.1 6.1





#85

Di-n-octyl phthalate

Concen: 56.228 ng

RT: 14.816 min Scan# 2163

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

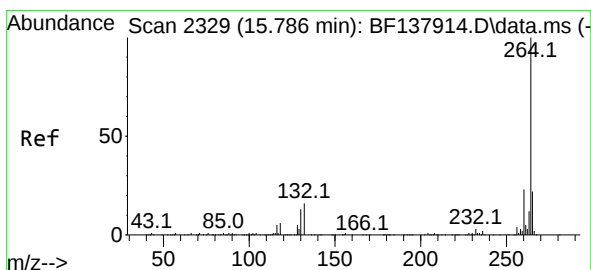
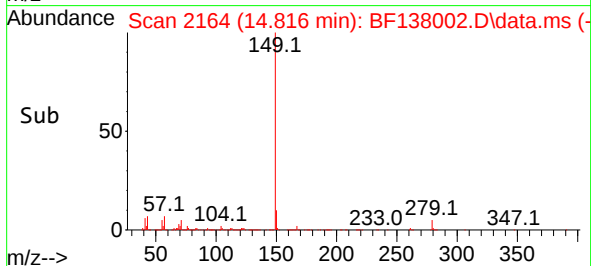
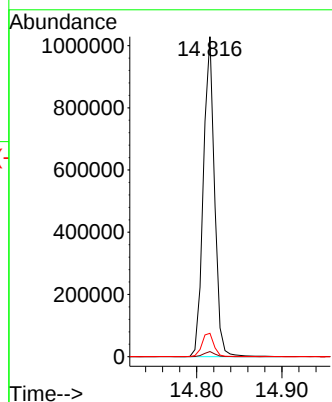
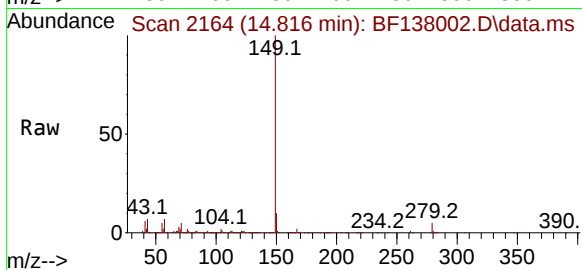
Tgt Ion:149 Resp: 937702

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

43 7.9 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.792 min Scan# 2330

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

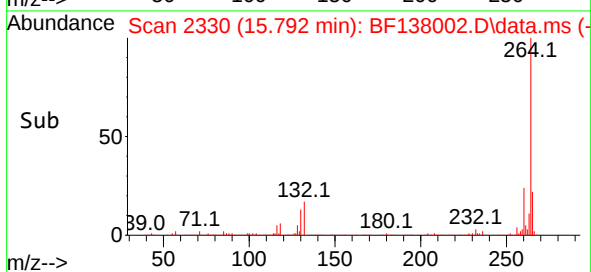
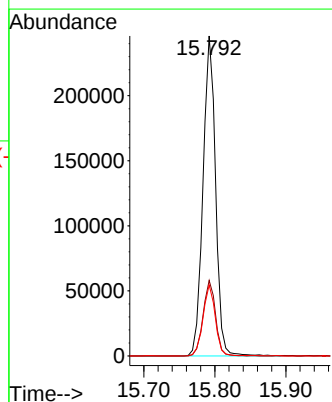
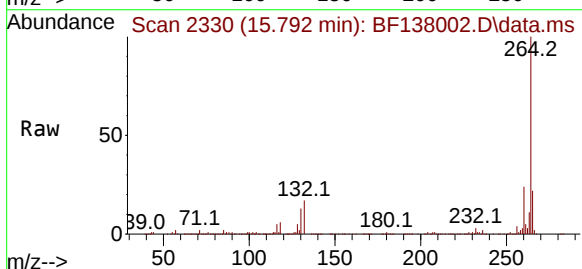
Tgt Ion:264 Resp: 302803

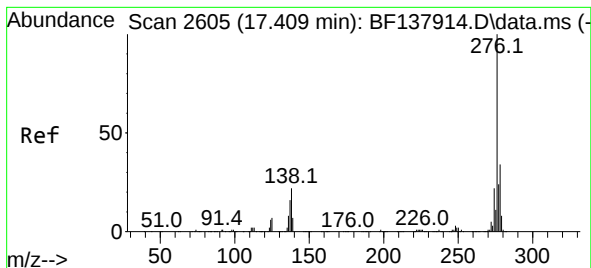
Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 22.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.487 ng

RT: 17.427 min Scan# 2

Delta R.T. 0.018 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

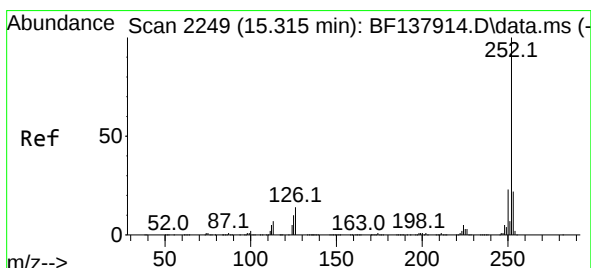
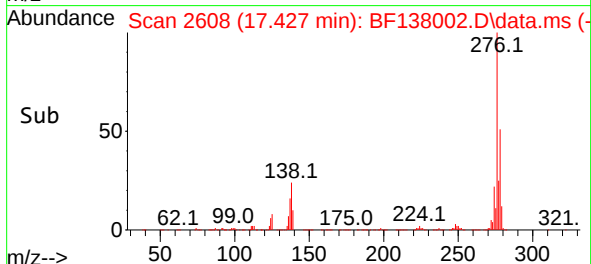
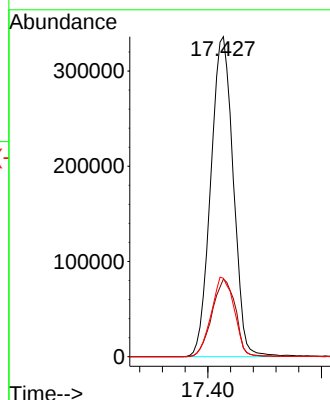
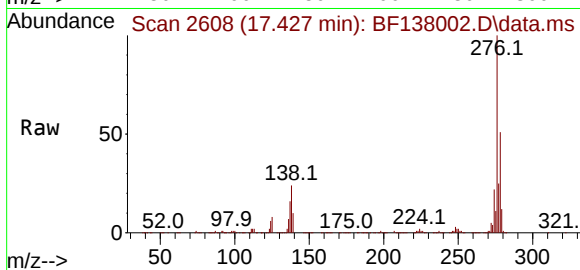
Tgt Ion:276 Resp: 923818

Ion Ratio Lower Upper

276 100

138 25.4 20.6 30.8

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 48.519 ng

RT: 15.321 min Scan# 2250

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

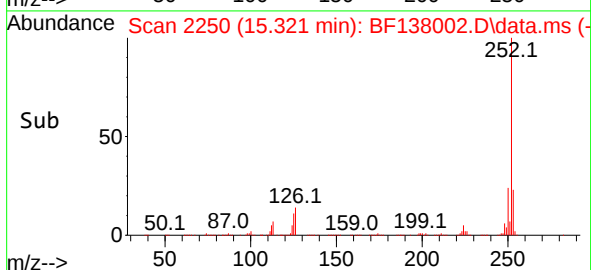
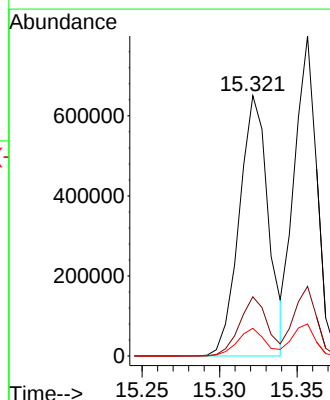
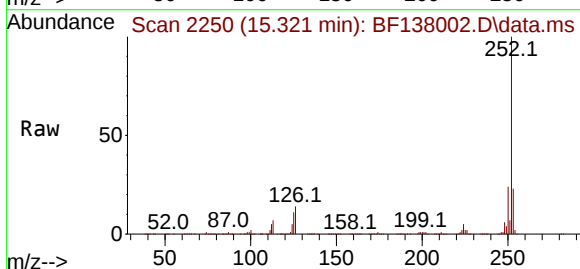
Tgt Ion:252 Resp: 850651

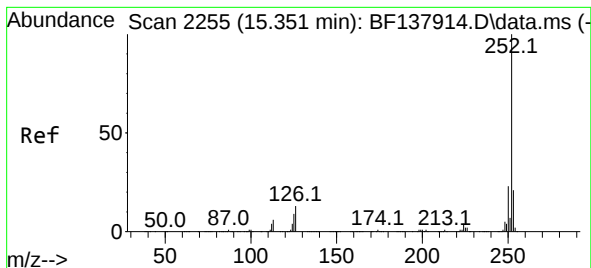
Ion Ratio Lower Upper

252 100

253 22.7 17.6 26.4

125 10.6 8.2 12.4





#89

Benzo(k)fluoranthene

Concen: 47.169 ng

RT: 15.357 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

Instrument :

BNA_F

ClientSampleId :

PB161034BS

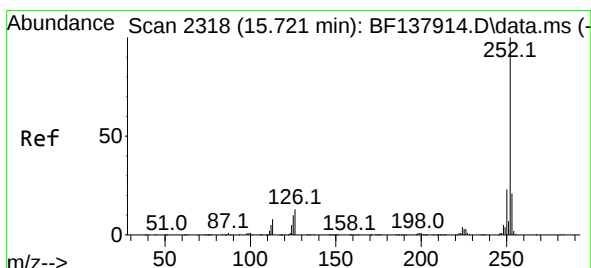
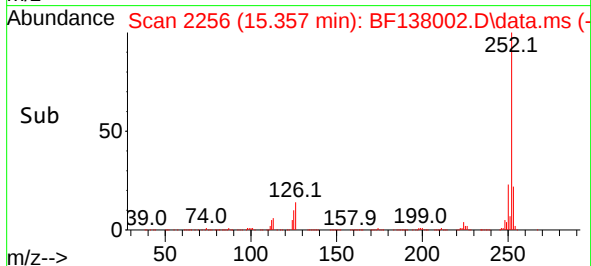
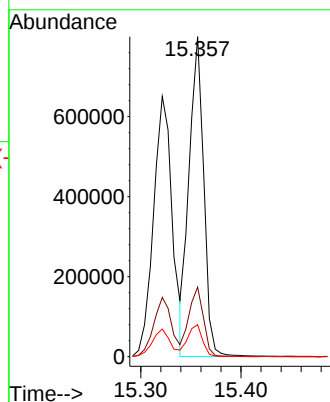
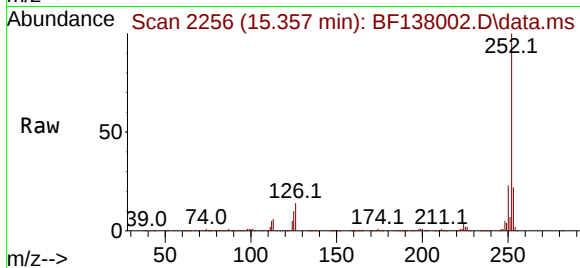
Tgt Ion:252 Resp: 812433

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 10.0 7.7 11.5



#90

Benzo(a)pyrene

Concen: 49.874 ng

RT: 15.727 min Scan# 2319

Delta R.T. 0.006 min

Lab File: BF138002.D

Acq: 22 May 2024 13:13

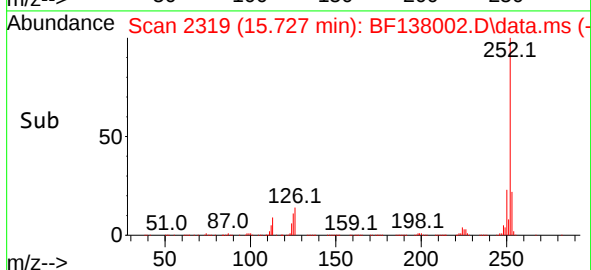
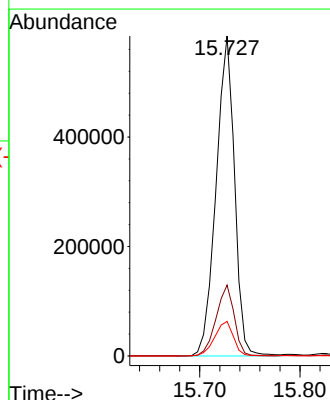
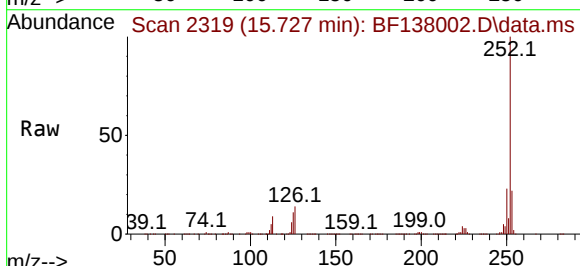
Tgt Ion:252 Resp: 746658

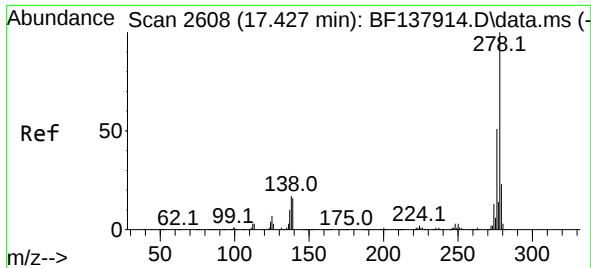
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 10.8 7.8 11.8

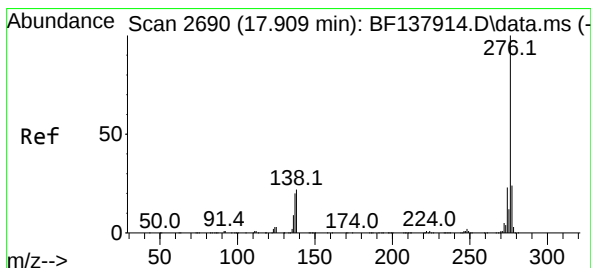
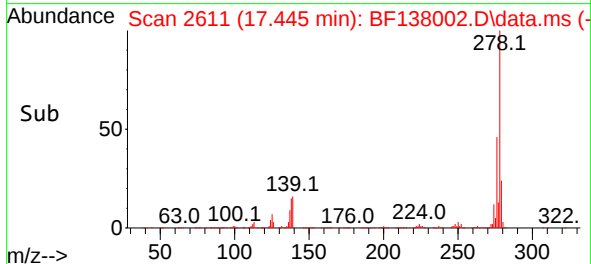
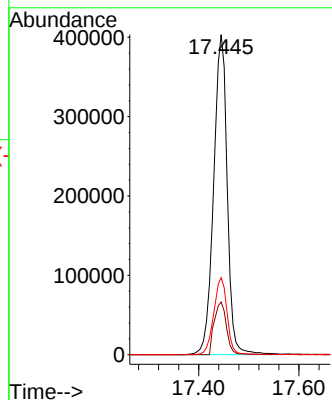
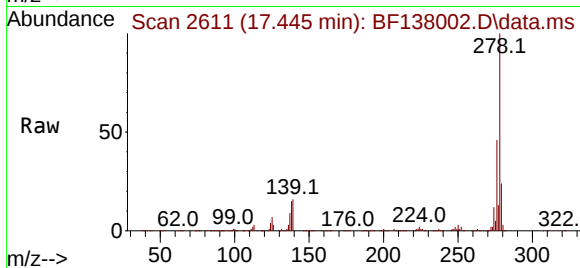




#91
Dibenzo(a,h)anthracene
Concen: 47.263 ng
RT: 17.445 min Scan# 2611
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Instrument :
BNA_F
ClientSampleId :
PB161034BS

Tgt Ion:278 Resp: 759669
Ion Ratio Lower Upper
278 100
139 16.4 13.1 19.7
279 24.0 18.5 27.7



#92
Benzo(g,h,i)perylene
Concen: 42.469 ng
RT: 17.927 min Scan# 2693
Delta R.T. 0.018 min
Lab File: BF138002.D
Acq: 22 May 2024 13:13

Tgt Ion:276 Resp: 717096
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 21.9 17.6 26.4

